

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039938.D
 Acq On : 1 Dec 2022 12:18
 Operator : SY/MD
 Sample : VL1201ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABS01

Quant Time: Dec 02 05:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.166	49	1145567	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3168081	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	3139968	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2424473	10.109	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.706	85	2286165	13.934	ppbv	95
3) Chlorodifluoromethane	2.649	51	1391604	8.803	ppbv	96
4) Chloromethane	2.787	50	870981	8.622	ppbv	97
5) Vinyl Chloride	2.896	62	748004	9.476	ppbv	98
6) Bromomethane	3.092	94	263350	9.781	ppbv	99
7) Chloroethane	3.173	64	276398	8.859	ppbv	99
8) Dichlorotetrafluoroethane	2.832	85	1826347	9.749	ppbv	99
9) Propene	2.671	41	611410	8.211	ppbv	98
10) Heptane	7.562	43	1543207	8.589	ppbv	99
11) Trichlorofluoromethane	3.539	101	1926185	9.625	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.041	101	1395159	9.211	ppbv	97
13) Ethanol	3.218	45	15205	2.675	ppbv #	34
14) Bromoethene	3.343	108	574501	9.726	ppbv	99
15) Acetone	3.443	43	1284924	8.456	ppbv	98
16) 1,3-Butadiene	2.960	39	678900	8.965	ppbv	98
17) tert-Butyl alcohol	3.854	59	1432152	8.198	ppbv	99
18) 1,1-Dichloroethene	3.858	96	631491	9.140	ppbv	96
19) Isopropyl Alcohol	3.552	45	626225	7.612	ppbv #	32
20) Methylene Chloride	3.909	84	524992	7.132	ppbv	96
21) Allyl Chloride	3.973	41	919217	8.721	ppbv	99
22) trans-1,2-Dichloroethene	4.420	96	644679	9.176	ppbv	95
23) Vinyl Acetate	4.600	43	511953	8.201	ppbv	99
24) 1,1-Dichloroethane	4.539	63	1328839	8.829	ppbv	100
25) Ethyl Acetate	5.182	43	2680235	9.607	ppbv	100
26) Hexane	5.189	57	1170997	9.609	ppbv	98
27) Carbon Disulfide	4.099	76	1555953	10.113	ppbv	99
28) Methyl tert-Butyl Ether	4.565	73	1293089	8.474	ppbv	98
29) Chloroform	5.253	83	1948216	12.029	ppbv	100
30) Cyclohexane	6.578	84	1020556	8.533	ppbv	98
31) cis-1,2-Dichloroethene	5.057	61	1014531	9.010	ppbv	93
32) 1,1,1-Trichloroethane	5.983	97	2008132	9.928	ppbv	98
34) 2-Butanone	4.761	43	1454988	9.598	ppbv	99
35) Carbon Tetrachloride	6.472	117	2092105	11.628	ppbv	99
36) Benzene	6.349	78	2591211	9.622	ppbv	99
37) 1,2-Dichloroethane	5.783	62	1532858	10.387	ppbv	100
38) Trichloroethene	7.272	130	1476617	9.809	ppbv	99
39) 1,2-Dichloropropane	7.054	63	978315	9.325	ppbv	97
40) 1,4-Dioxane	7.266	88	359711	8.606	ppbv #	1
41) Tetrahydrofuran	5.536	42	983941	9.402	ppbv	98
42) Bromodichloromethane	7.230	83	2170022	10.843	ppbv	99
43) Methyl Methacrylate	7.455	69	1038933	9.841	ppbv	98
44) 2,2,4-Trimethylpentane	7.304	57	4161505	9.257	ppbv	99
45) t-1,3-Dichloropropene	8.690	75	1001989	10.272	ppbv	100

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Instrument :
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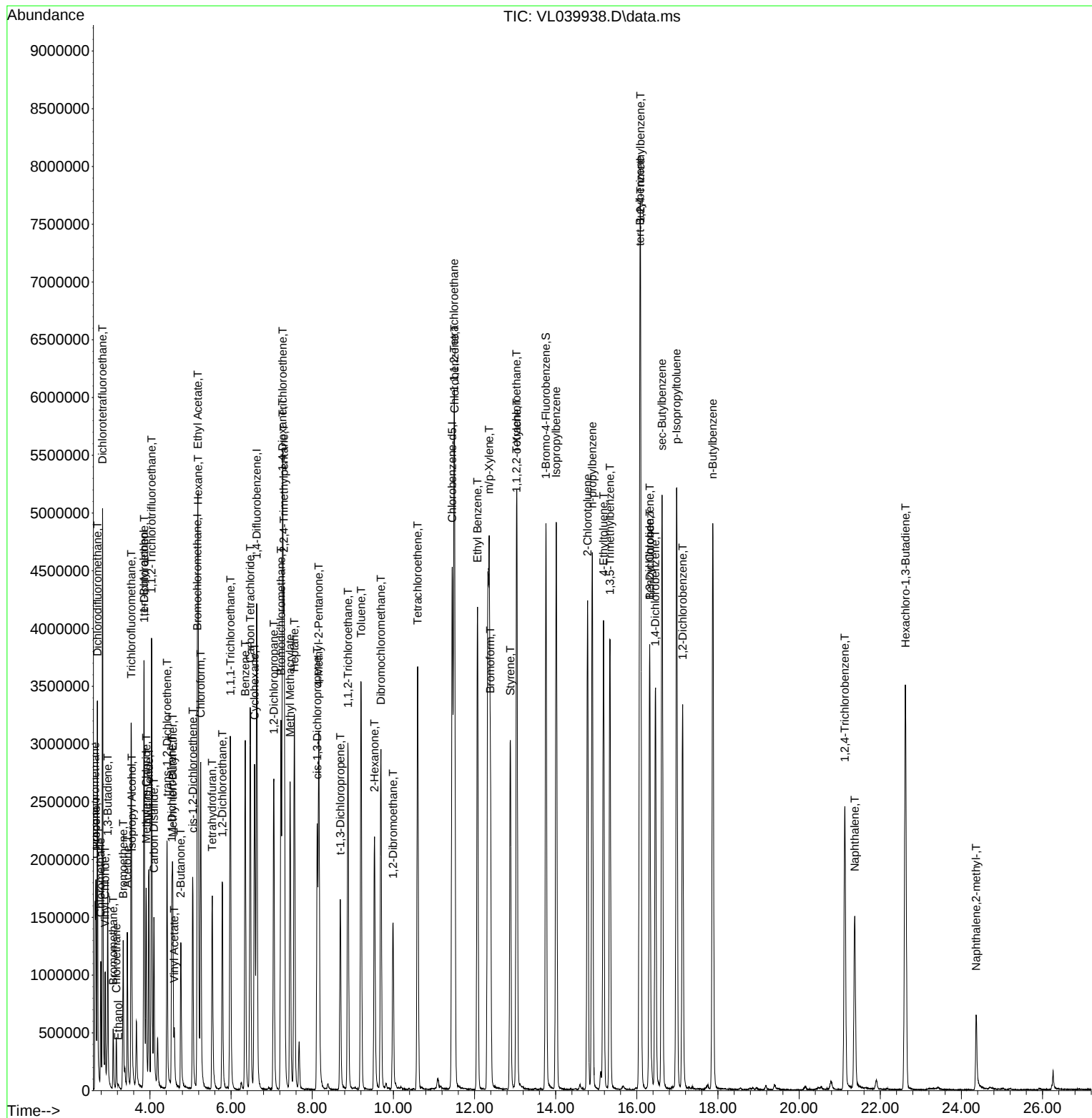
Quant Time: Dec 02 05:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

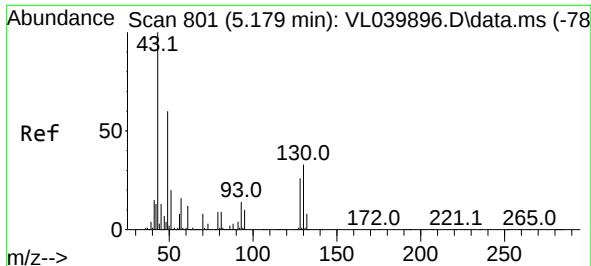
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	1336327	9.889	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	1056837	9.801	ppbv	99
48) Dibromochloromethane	9.693	129	1811762	11.472	ppbv	100
49) Bromoform	12.391	173	1391383	10.884	ppbv	99
50) 4-Methyl-2-Pentanone	8.163	43	2583094	9.514	ppbv	99
51) 2-Hexanone	9.536	43	2004073	9.509	ppbv #	99
52) Tetrachloroethene	10.597	164	890772	8.842	ppbv	95
53) Toluene	9.205	91	2962666	9.658	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1225484	10.650	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.494	131	1280353	9.975	ppbv	95
57) Chlorobenzene	11.510	112	2215832	9.230	ppbv	98
58) Ethyl Benzene	12.073	91	3933578	9.234	ppbv	99
59) m/p-Xylene	12.359	91	3518302	9.868	ppbv #	42
60) o-Xylene	13.044	91	3168917	9.320	ppbv	98
61) Styrene	12.883	104	1879980	9.263	ppbv	99
62) Isopropylbenzene	14.015	105	4511695	9.202	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1090023	9.601	ppbv	100
64) n-propylbenzene	14.902	120	1166949	9.098	ppbv	92
65) tert-Butylbenzene	16.076	119	3822356	8.911	ppbv	98
66) Benzyl Chloride	16.317	91	285748	7.774	ppbv	95
67) sec-Butylbenzene	16.622	105	5339240	9.053	ppbv	98
69) p-Isopropyltoluene	16.979	119	4312032	8.876	ppbv	99
70) n-Butylbenzene	17.873	91	4349077	9.030	ppbv	98
71) 2-Chlorotoluene	14.786	91	3386480	9.112	ppbv	98
72) 4-Ethyltoluene	15.179	105	3552477	9.295	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3168786	9.057	ppbv	97
74) 1,2,4-Trimethylbenzene	16.092	105	3351322	9.048	ppbv #	90
75) 1,3-Dichlorobenzene	16.317	146	1840387	8.831	ppbv	98
76) 1,4-Dichlorobenzene	16.458	146	1796048	8.693	ppbv	98
77) 1,2-Dichlorobenzene	17.130	146	1735778	8.639	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	1030241	7.390	ppbv	100
79) Naphthalene	21.371	128	1934572	8.727	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	479137	7.685	ppbv	96
81) 1,2,4-Trichlorobenzene	21.127	180	1081835	7.902	ppbv	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
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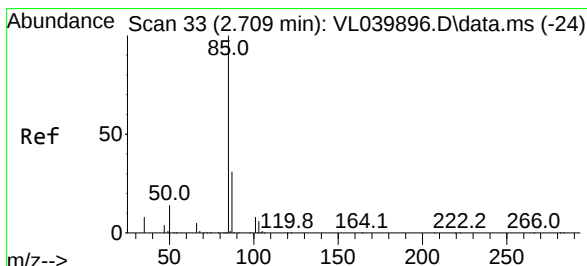
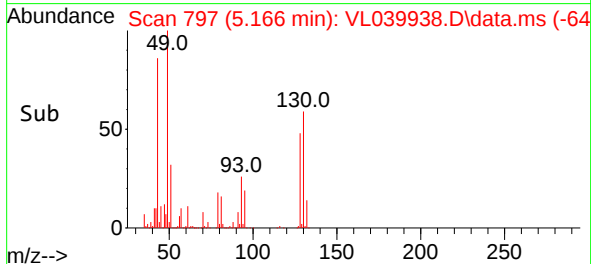
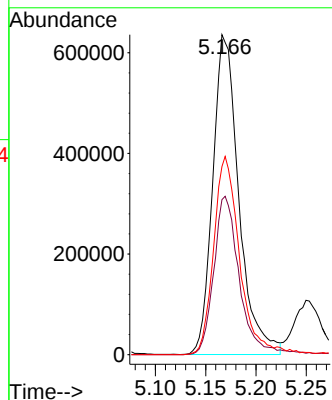
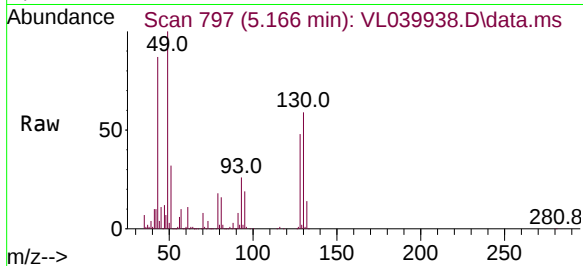




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.166 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

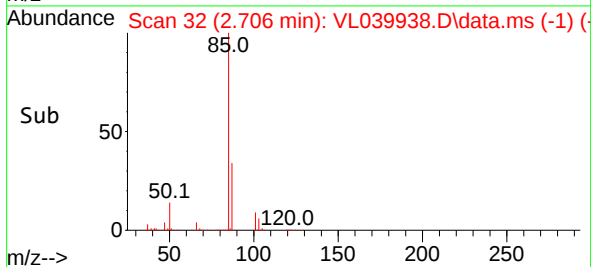
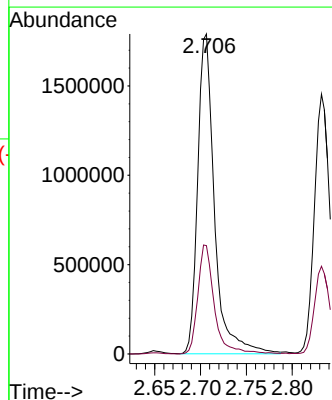
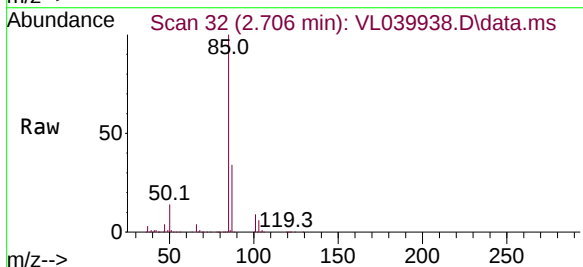
Instrument :
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 ClientSampleId :
 VL1201ABS01

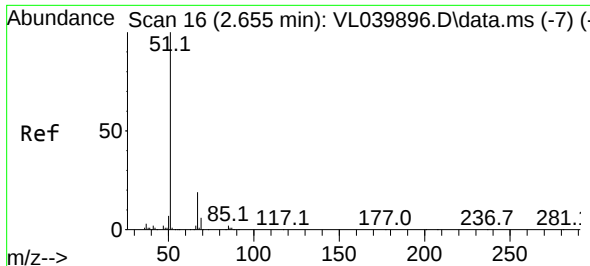
Tgt Ion: 49 Resp: 1145567
 Ion Ratio Lower Upper
 49 100
 128 49.3 22.1 66.3
 130 62.8 27.7 83.1



#2
 Dichlorodifluoromethane
 Concen: 13.934 ppbv
 RT: 2.706 min Scan# 32
 Delta R.T. -0.003 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Tgt Ion: 85 Resp: 2286165
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.0 37.4

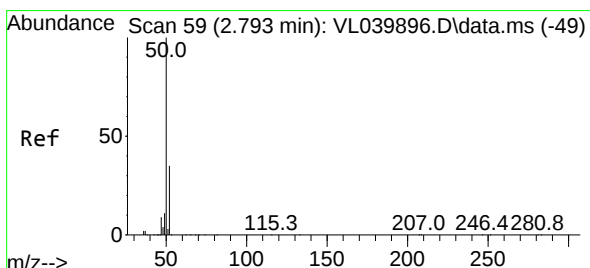
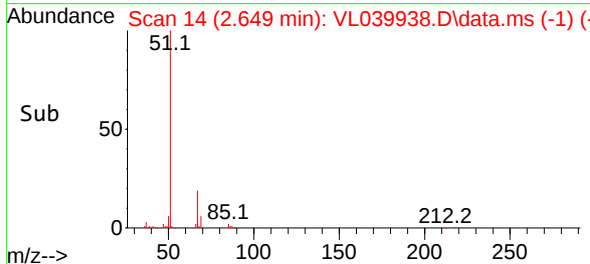
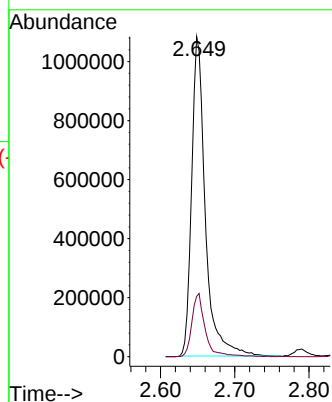
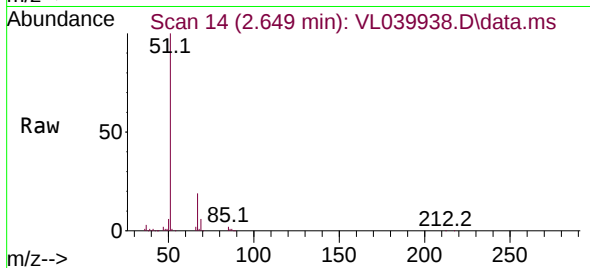




#3
Chlorodifluoromethane
Concen: 8.803 ppbv
RT: 2.649 min Scan# 14
Delta R.T. -0.006 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

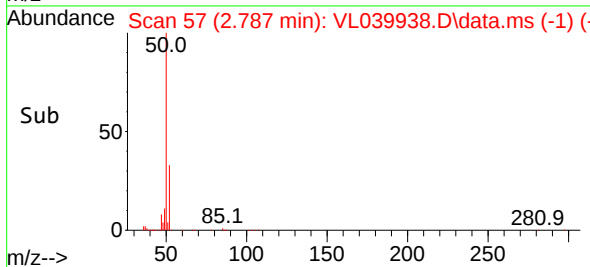
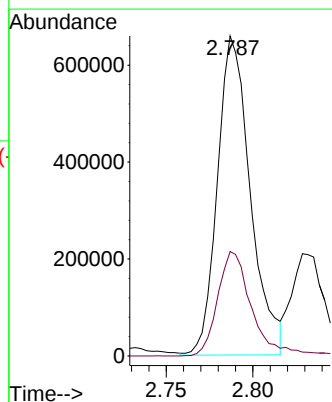
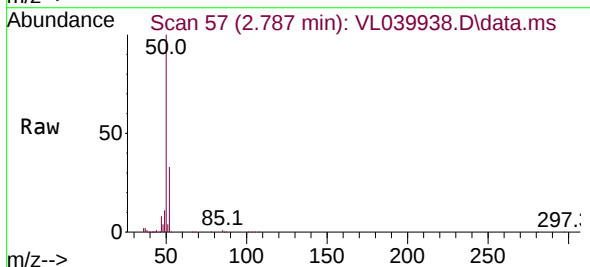
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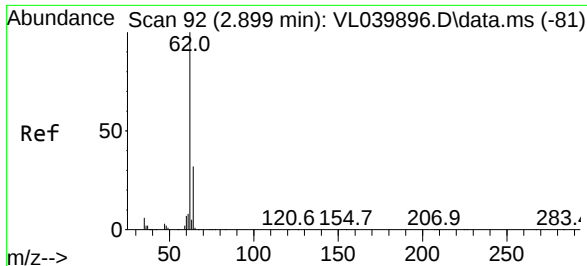
Tgt Ion: 51 Resp: 1391604
Ion Ratio Lower Upper
51 100
67 19.4 14.2 21.4



#4
Chloromethane
Concen: 8.622 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 50 Resp: 870981
Ion Ratio Lower Upper
50 100
52 32.9 27.8 41.8

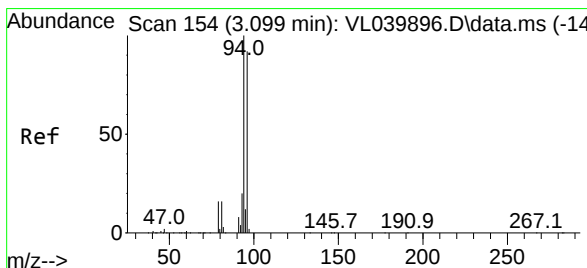
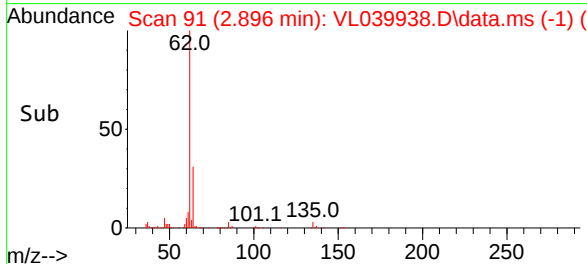
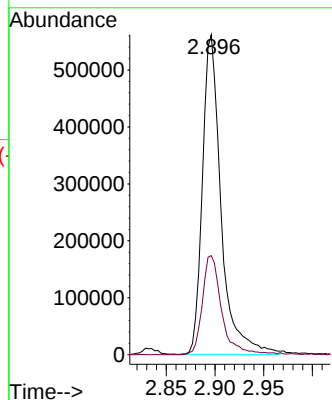
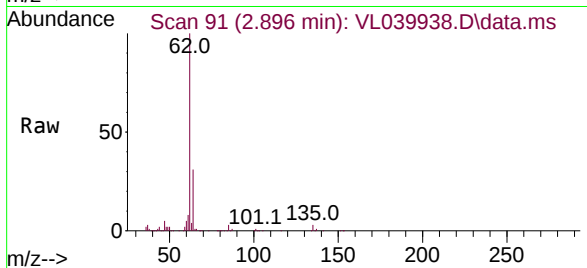




#5
 Vinyl Chloride
 Concen: 9.476 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

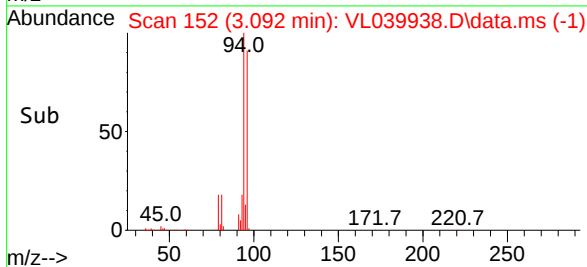
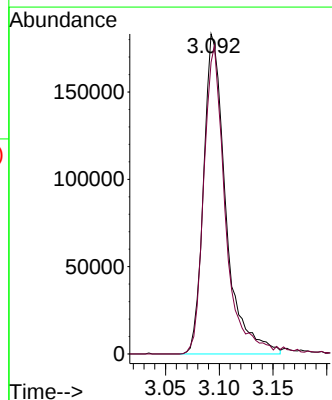
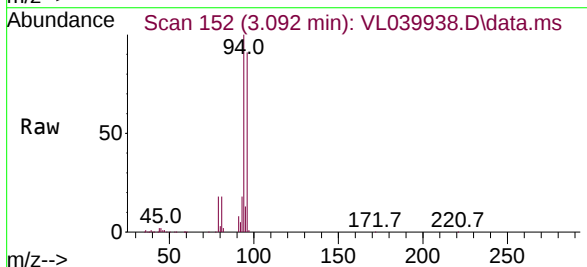
Instrument :
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 ClientSampleId :
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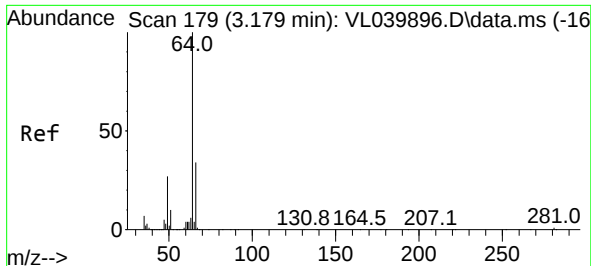
Tgt Ion: 62 Resp: 748004
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.7 38.5



#6
 Bromomethane
 Concen: 9.781 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.006 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Tgt Ion: 94 Resp: 263350
 Ion Ratio Lower Upper
 94 100
 96 91.2 73.7 110.5

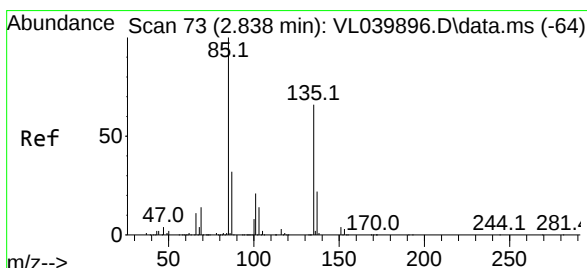
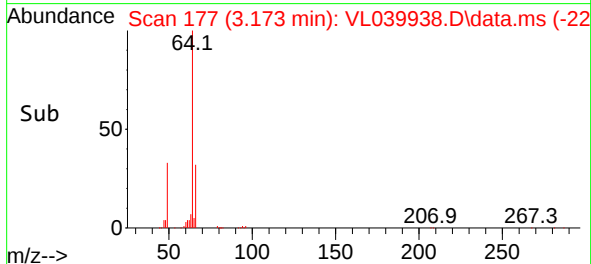
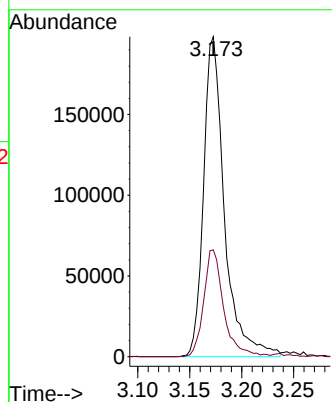
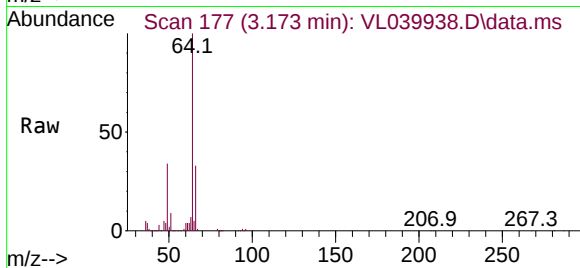




#7
Chloroethane
Concen: 8.859 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

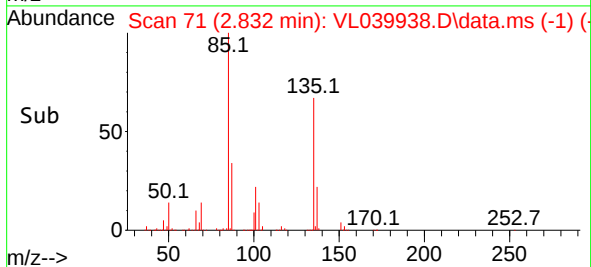
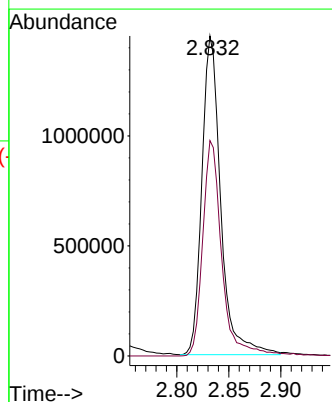
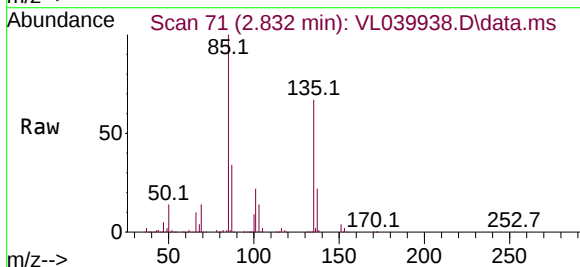
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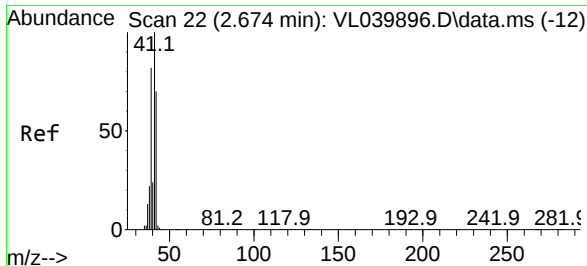
Tgt Ion: 64 Resp: 276398
Ion Ratio Lower Upper
64 100
66 33.4 27.3 40.9



#8
Dichlorotetrafluoroethane
Concen: 9.749 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 85 Resp: 1826347
Ion Ratio Lower Upper
85 100
135 68.7 54.1 81.1

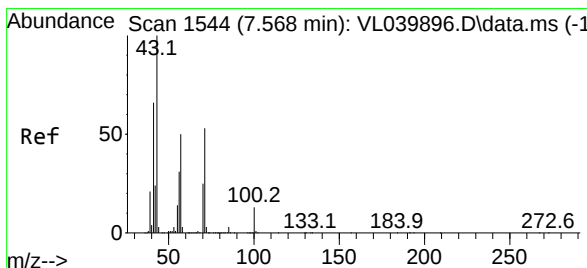
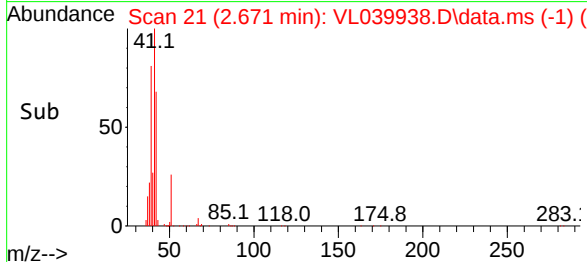
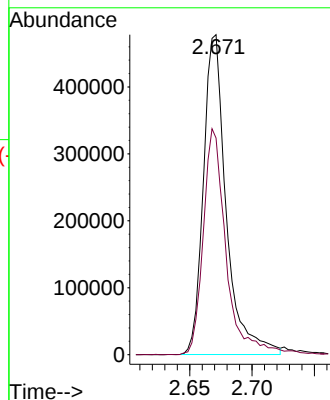
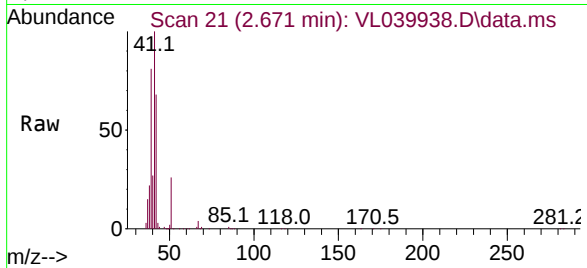




#9
 Propene
 Concen: 8.211 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

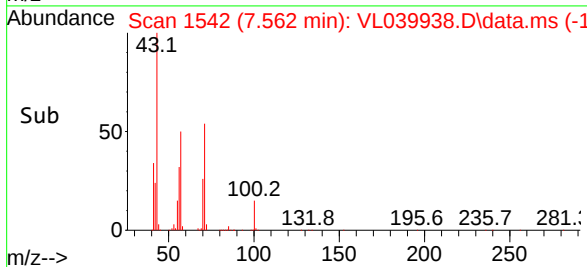
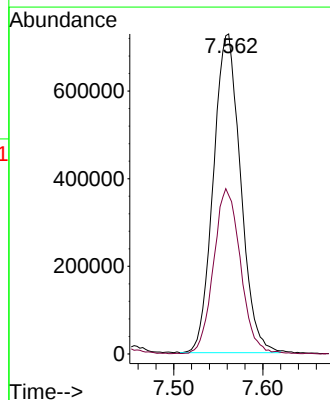
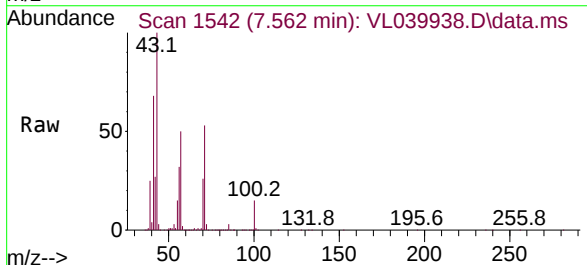
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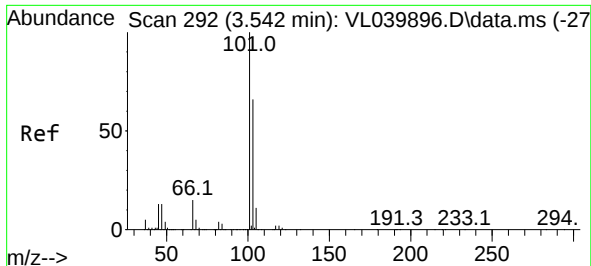
Tgt Ion: 41 Resp: 611410
 Ion Ratio Lower Upper
 41 100
 42 71.2 55.8 83.6



#10
 Heptane
 Concen: 8.589 ppbv
 RT: 7.562 min Scan# 1542
 Delta R.T. -0.003 min
 Lab File: VL039938.D
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Tgt Ion: 43 Resp: 1543207
 Ion Ratio Lower Upper
 43 100
 57 51.8 40.7 61.1

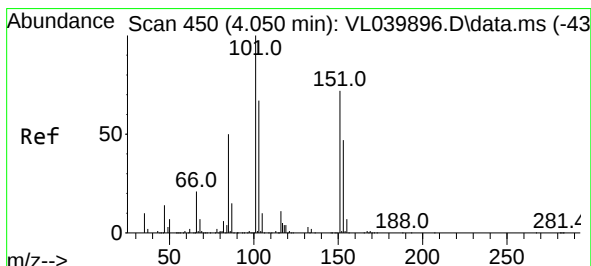
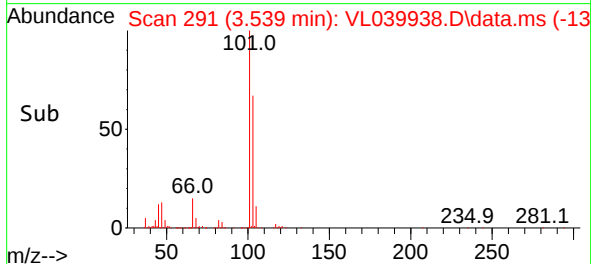
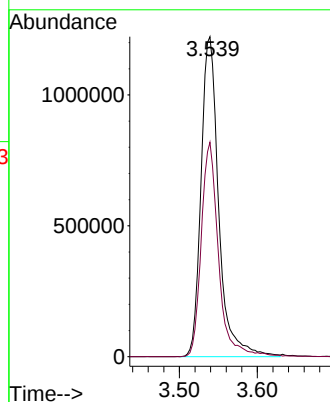
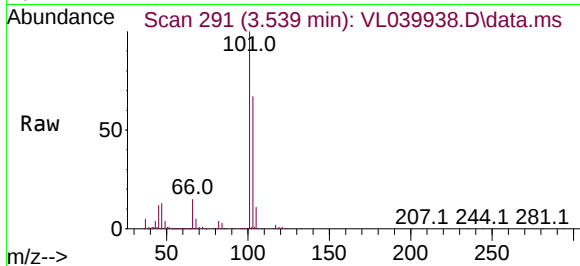




#11
 Trichlorofluoromethane
 Concen: 9.625 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. -0.003 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

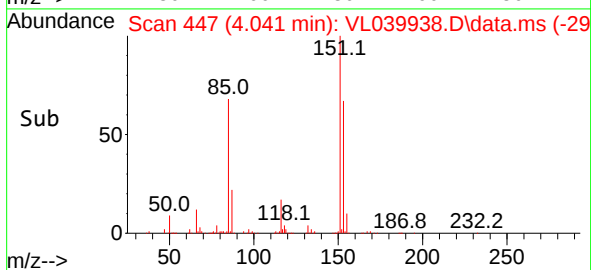
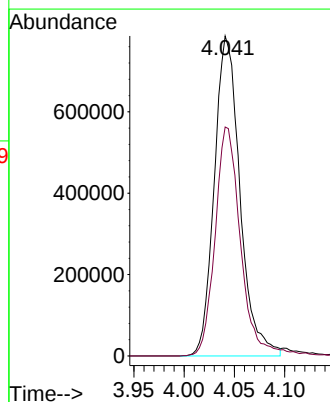
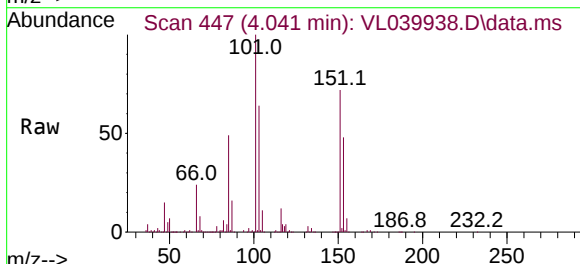
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1201ABS01

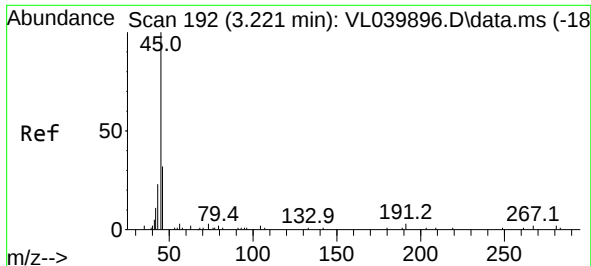
Tgt Ion:101 Resp: 1926185
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.211 ppbv
 RT: 4.041 min Scan# 447
 Delta R.T. -0.006 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Tgt Ion:101 Resp: 1395159
 Ion Ratio Lower Upper
 101 100
 151 71.7 59.6 89.4

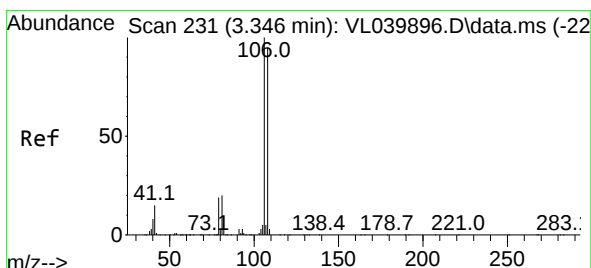
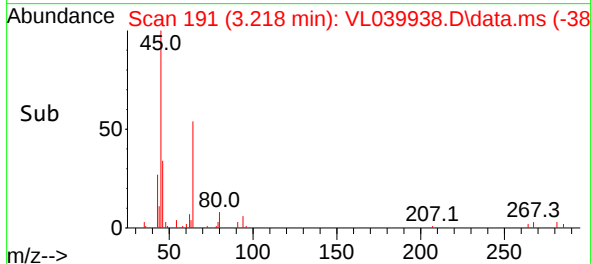
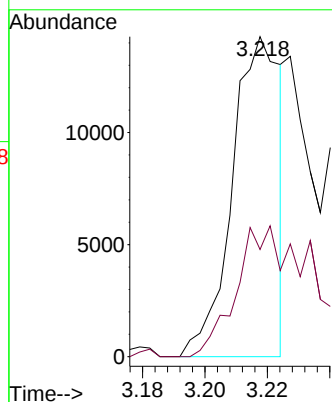
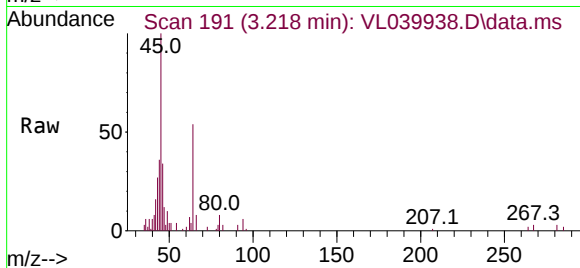




#13
Ethanol
Concen: 2.675 ppbv
RT: 3.218 min Scan# 192
Delta R.T. -0.010 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

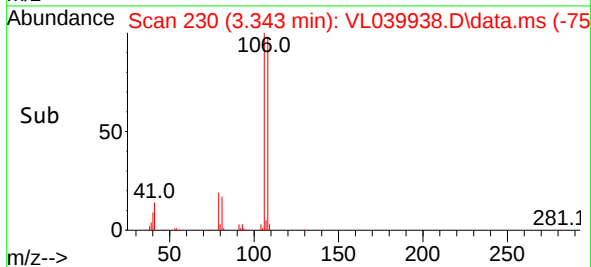
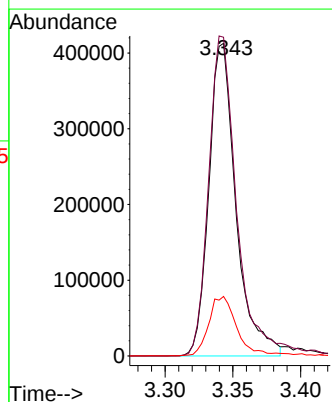
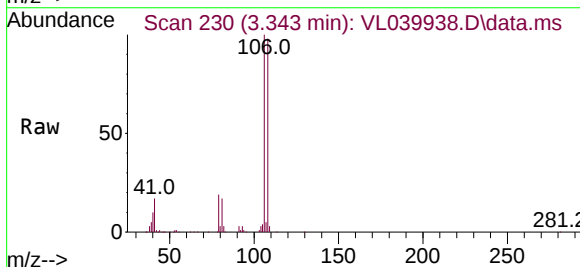
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

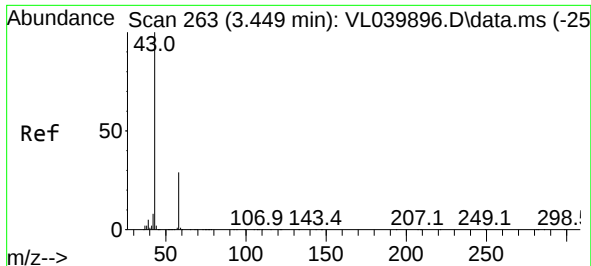
Tgt Ion: 45 Resp: 15205
Ion Ratio Lower Upper
45 100
46 75.4 14.6 58.2#



#14
Bromoethene
Concen: 9.726 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 108 Resp: 574501
Ion Ratio Lower Upper
108 100
106 108.6 87.3 130.9
79 20.4 15.9 23.9

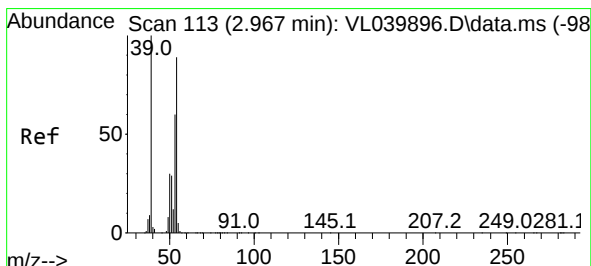
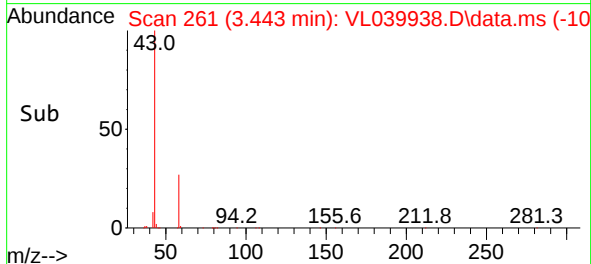
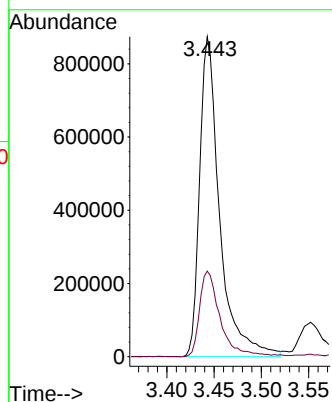
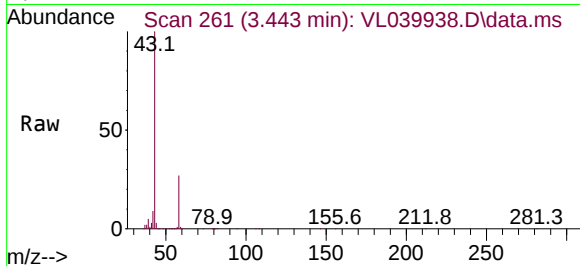




#15
Acetone
Concen: 8.456 ppbv
RT: 3.443 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

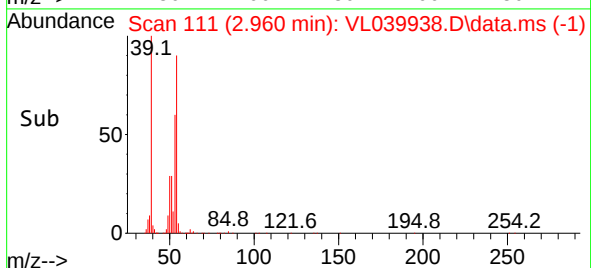
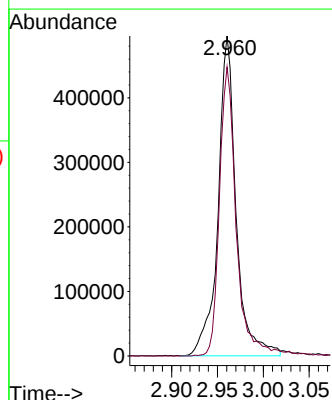
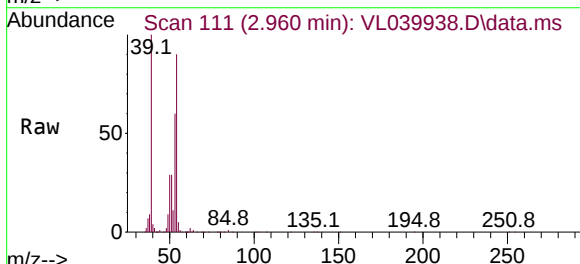
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

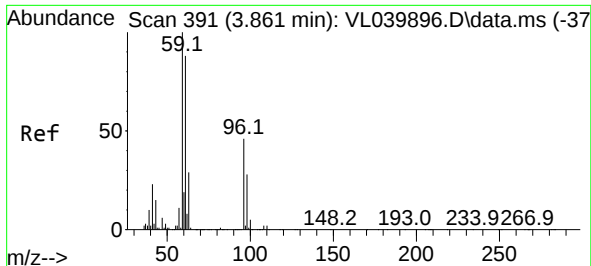
Tgt Ion: 43 Resp: 1284924
Ion Ratio Lower Upper
43 100
58 27.8 22.9 34.3



#16
1,3-Butadiene
Concen: 8.965 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 39 Resp: 678900
Ion Ratio Lower Upper
39 100
54 85.3 66.6 99.8

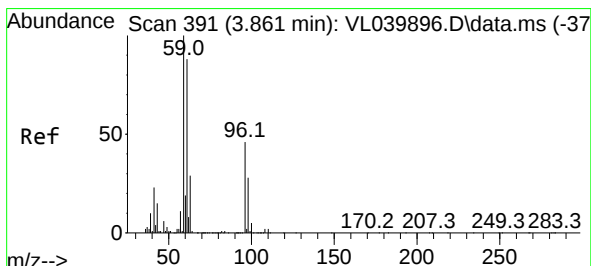
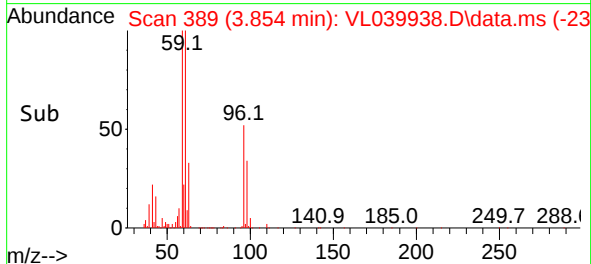
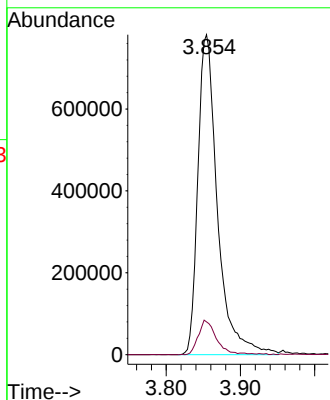
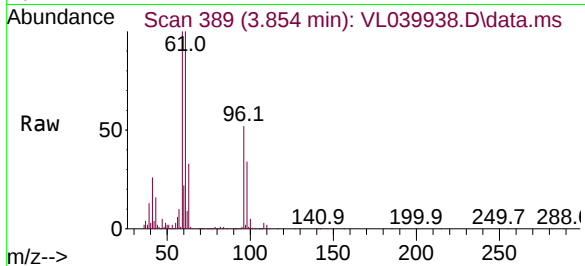




#17
tert-Butyl alcohol
Concen: 8.198 ppbv
RT: 3.854 min Scan# 390
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

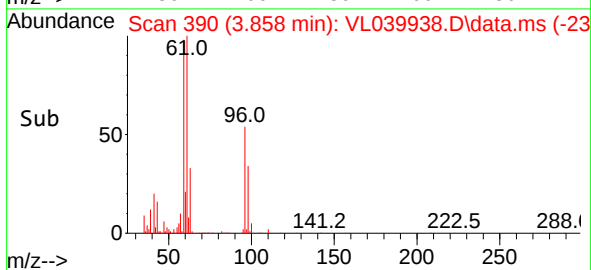
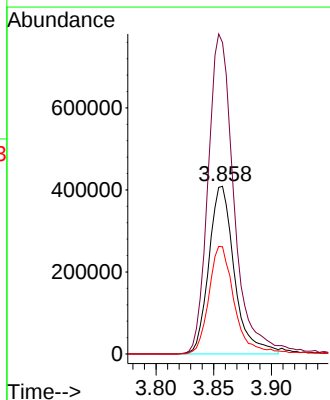
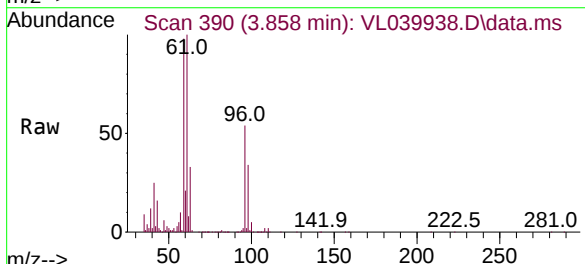
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

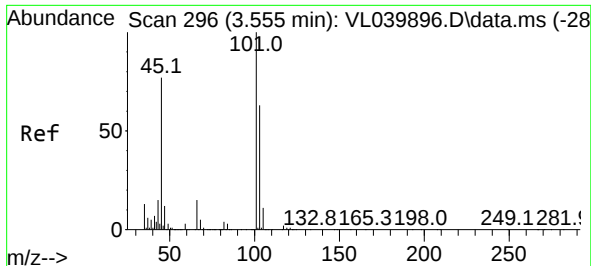
Tgt Ion: 59 Resp: 1432152
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#18
1,1-Dichloroethene
Concen: 9.140 ppbv
RT: 3.858 min Scan# 390
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 96 Resp: 631491
Ion Ratio Lower Upper
96 100
61 185.6 153.4 230.2
98 63.9 48.9 73.3

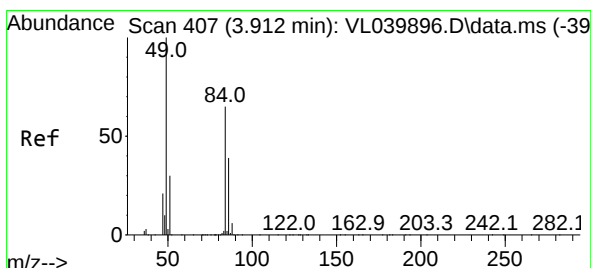
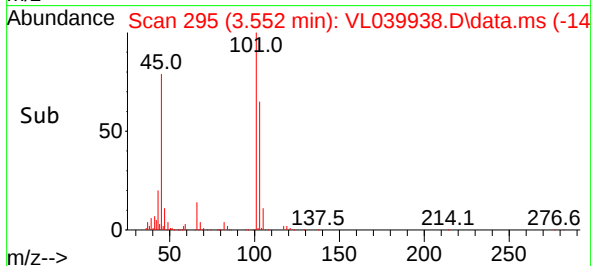
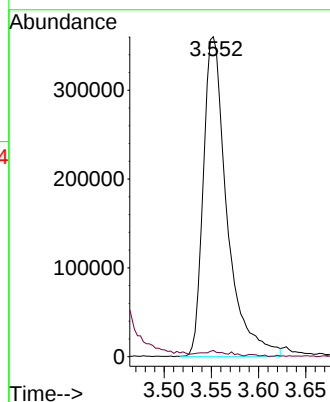
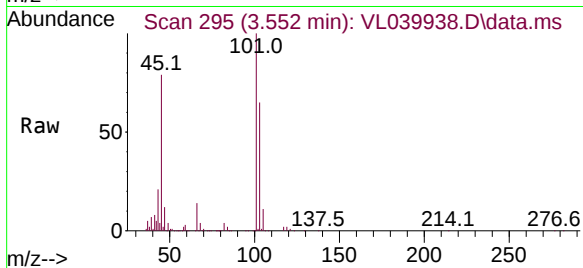




#19
Isopropyl Alcohol
Concen: 7.612 ppbv
RT: 3.552 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

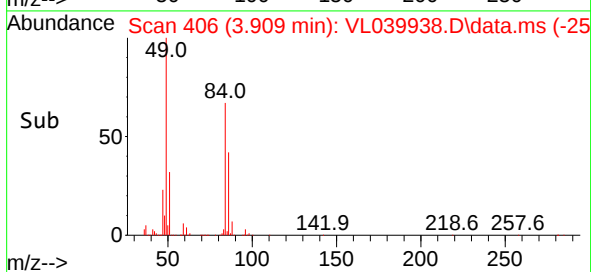
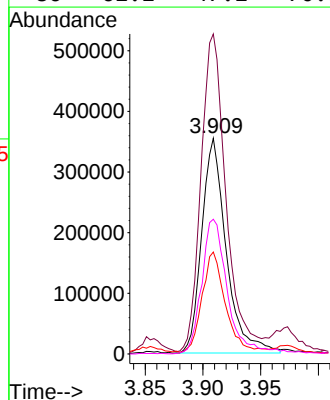
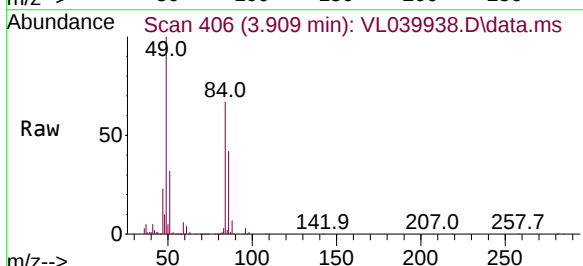
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

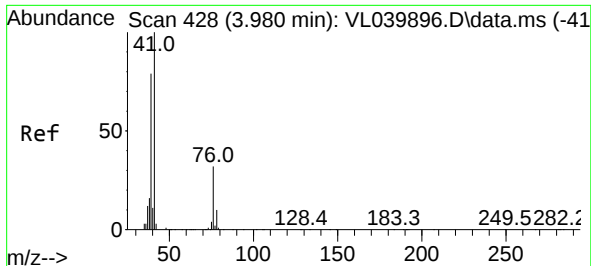
Tgt Ion: 45 Resp: 626225
Ion Ratio Lower Upper
45 100
58 2.2 38.7 58.1#



#20
Methylene Chloride
Concen: 7.132 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 84 Resp: 524992
Ion Ratio Lower Upper
84 100
49 147.6 122.2 183.4
51 46.7 36.3 54.5
86 62.2 47.2 70.8

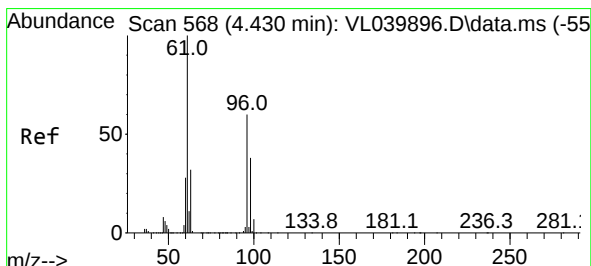
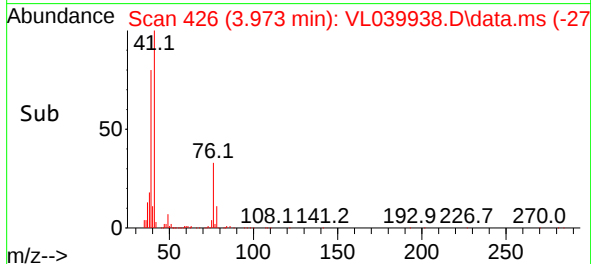
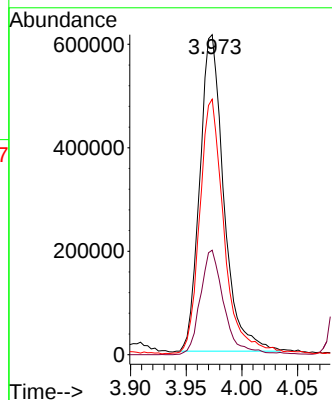
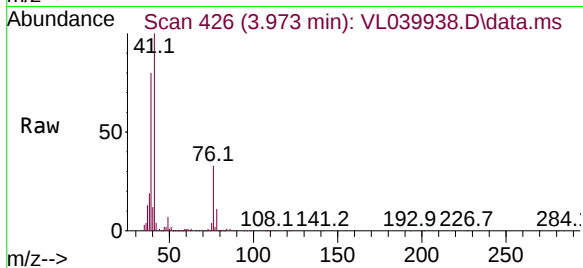




#21
 Allyl Chloride
 Concen: 8.721 ppbv
 RT: 3.973 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

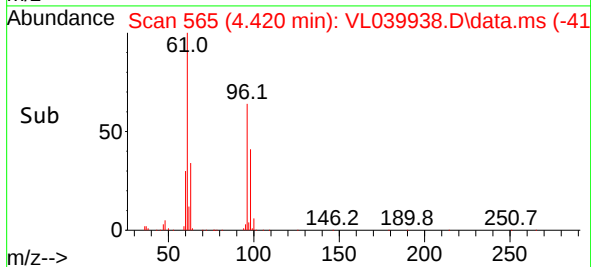
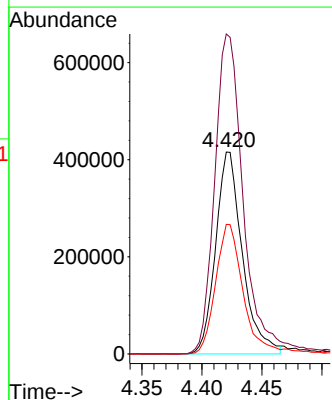
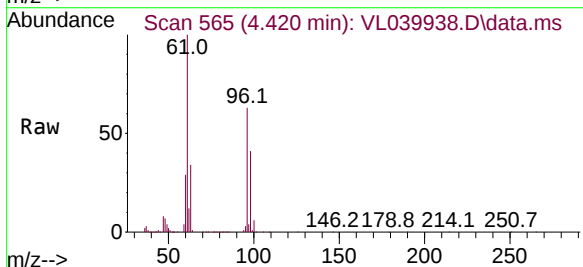
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABS01

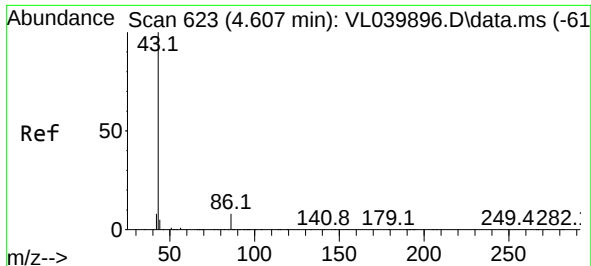
Tgt Ion: 41 Resp: 919217
 Ion Ratio Lower Upper
 41 100
 76 32.9 25.6 38.4
 39 82.1 65.2 97.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.176 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Tgt Ion: 96 Resp: 644679
 Ion Ratio Lower Upper
 96 100
 61 158.5 134.1 201.1
 98 64.2 50.4 75.6



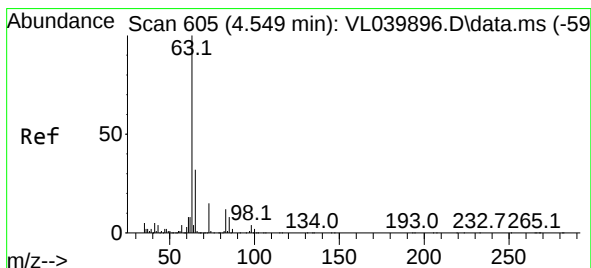
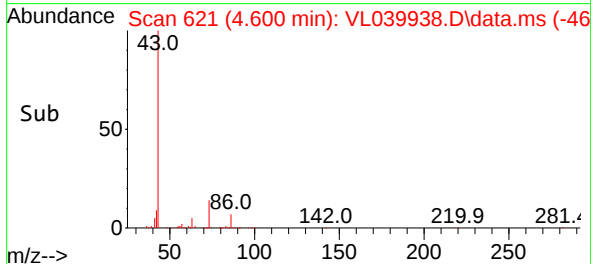
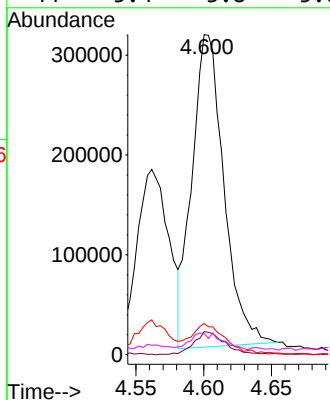
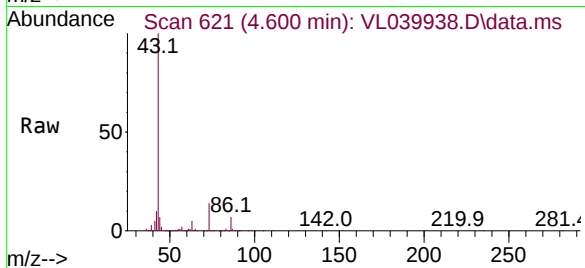


#23
 Vinyl Acetate
 Concen: 8.201 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1201ABS01

Tgt Ion: 43 Resp: 511953

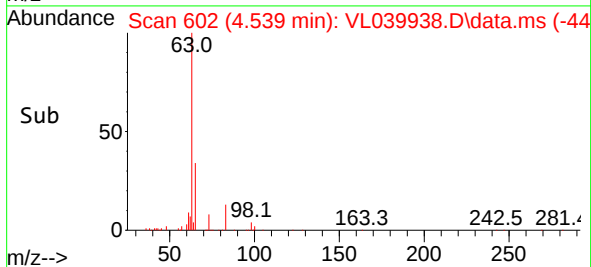
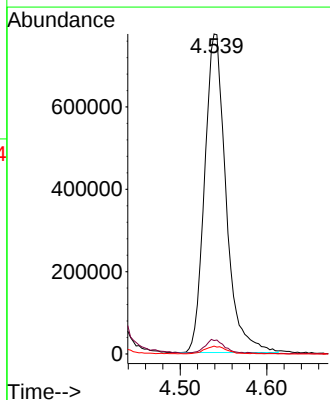
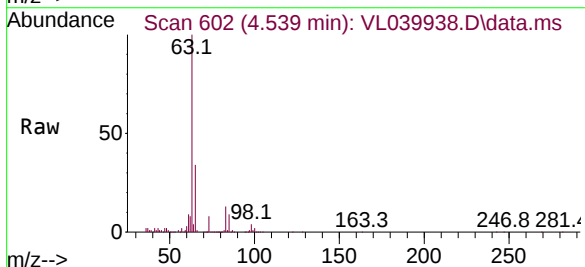
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.0	7.4
42	9.6	7.6	11.4
44	5.4	3.8	5.6

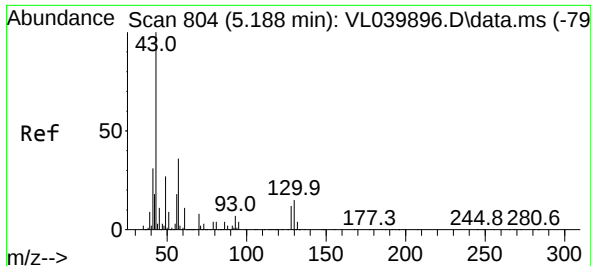


#24
 1,1-Dichloroethane
 Concen: 8.829 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. -0.003 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Tgt Ion: 63 Resp: 1328839

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.5
100	2.4	1.1	3.5





#25

Ethyl Acetate

Concen: 9.607 ppbv

RT: 5.182 min Scan# 804

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS01

Tgt Ion: 43 Resp: 2680235

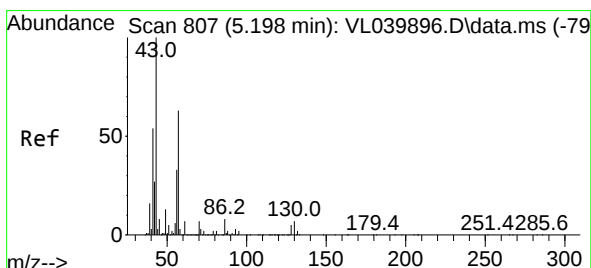
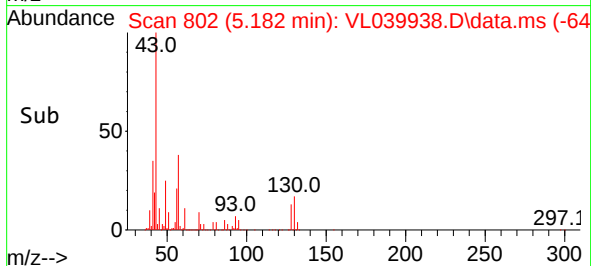
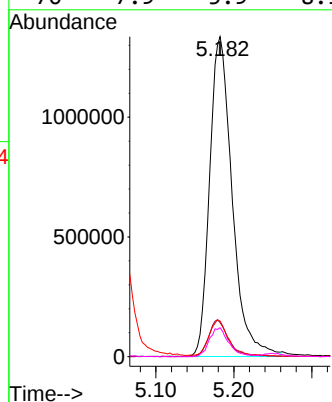
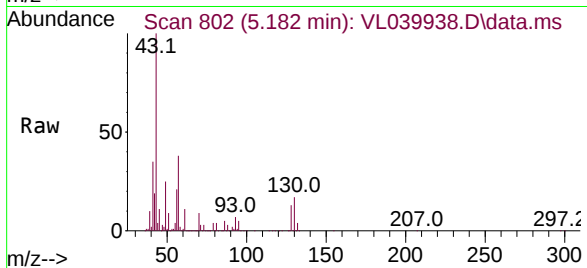
Ion Ratio Lower Upper

43 100

45 10.5 8.4 12.6

61 10.6 8.5 12.7

70 7.9 5.9 8.9



#26

Hexane

Concen: 9.609 ppbv

RT: 5.189 min Scan# 804

Delta R.T. -0.006 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Tgt Ion: 57 Resp: 1170997

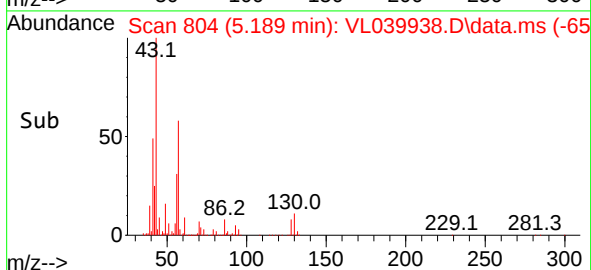
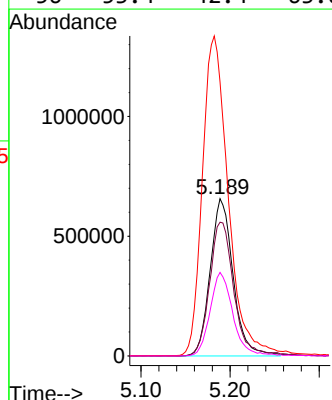
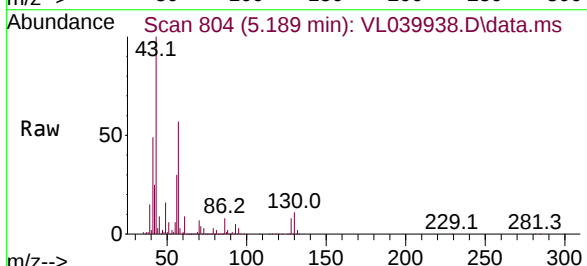
Ion Ratio Lower Upper

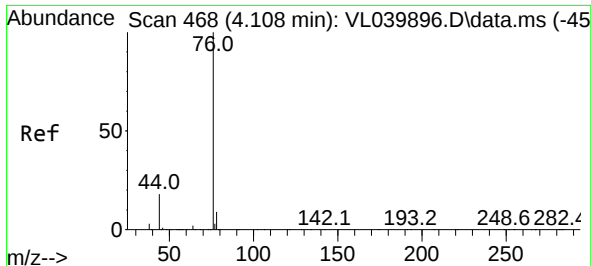
57 100

41 91.3 72.3 108.5

43 232.6 188.7 283.1

56 53.4 42.4 63.6

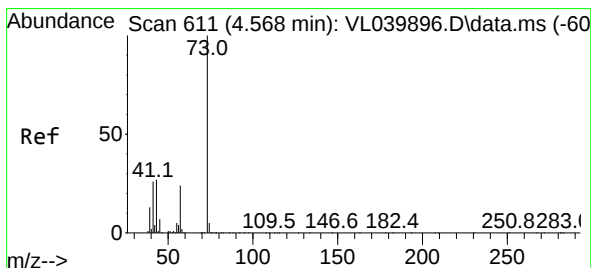
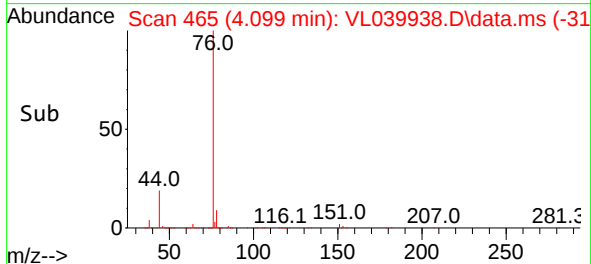
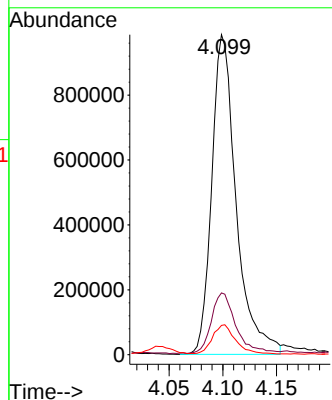
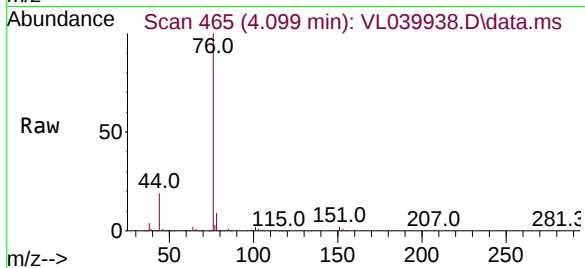




#27
Carbon Disulfide
Concen: 10.113 ppbv
RT: 4.099 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

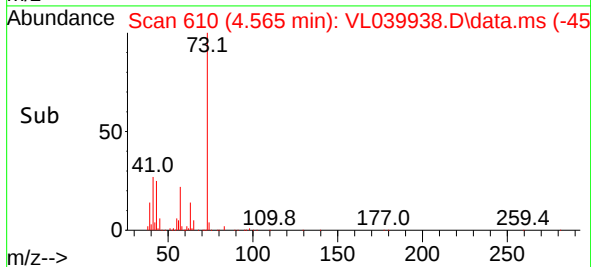
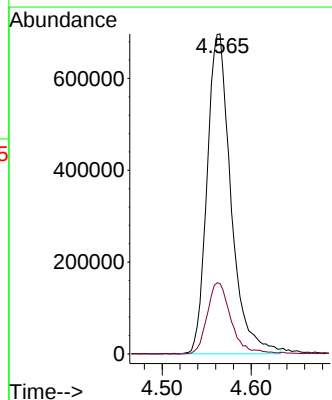
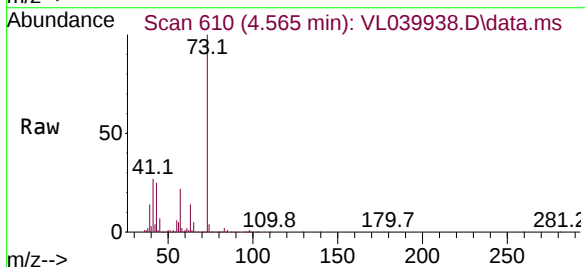
Instrument :
MSVOA_1
ClientSampleId :
VL1201ABS01

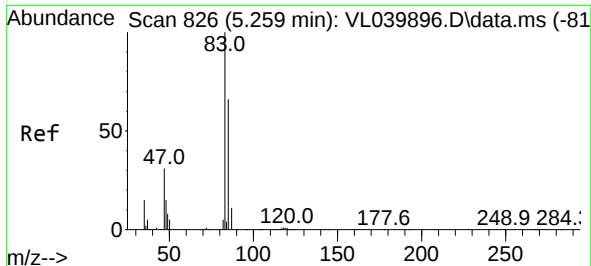
Tgt Ion: 76 Resp: 1555953
Ion Ratio Lower Upper
76 100
44 19.3 14.7 22.1
78 9.8 7.8 11.8



#28
Methyl tert-Butyl Ether
Concen: 8.474 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 73 Resp: 1293089
Ion Ratio Lower Upper
73 100
57 22.5 18.9 28.3

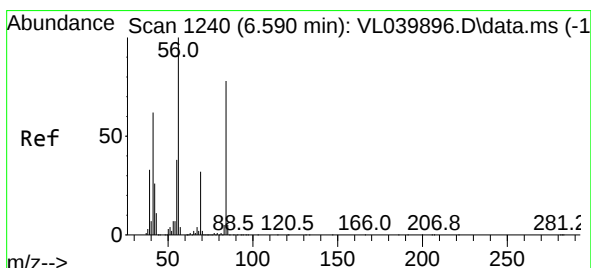
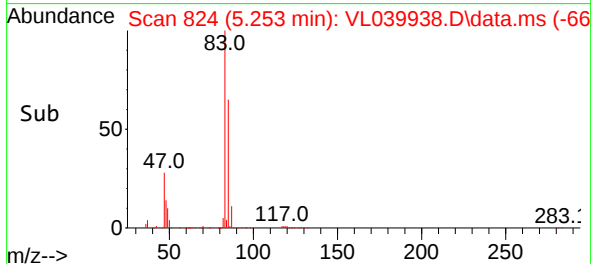
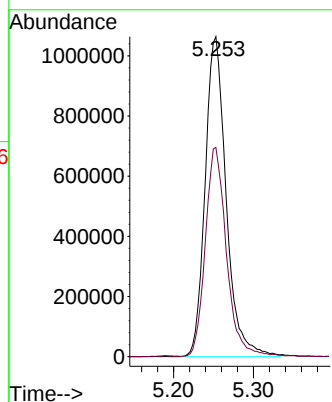
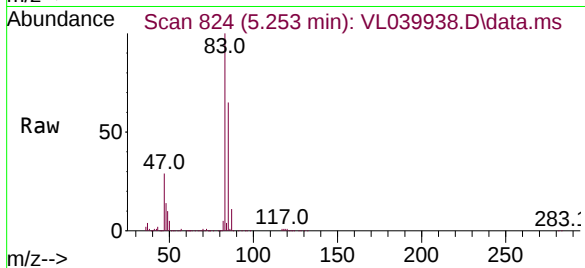




#29
Chloroform
Concen: 12.029 ppbv
RT: 5.253 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

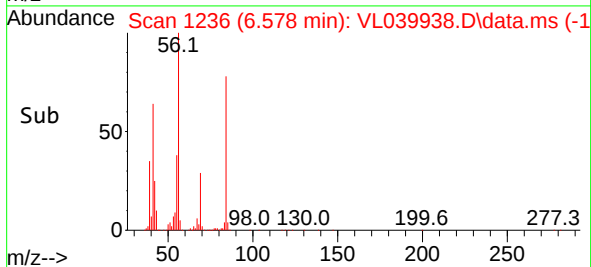
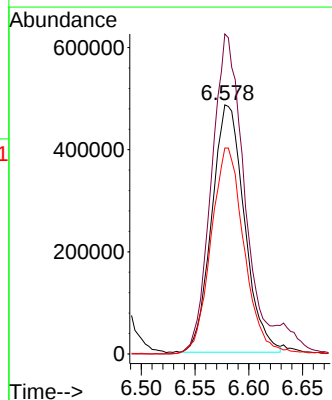
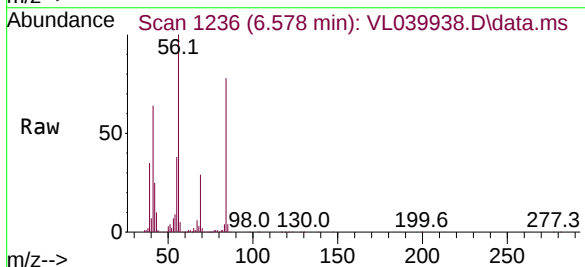
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

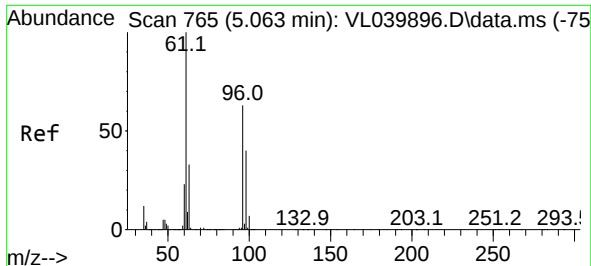
Tgt Ion: 83 Resp: 1948216
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6



#30
Cyclohexane
Concen: 8.533 ppbv
RT: 6.578 min Scan# 1236
Delta R.T. -0.006 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 84 Resp: 1020556
Ion Ratio Lower Upper
84 100
56 137.6 112.5 168.7
41 85.2 67.8 101.8

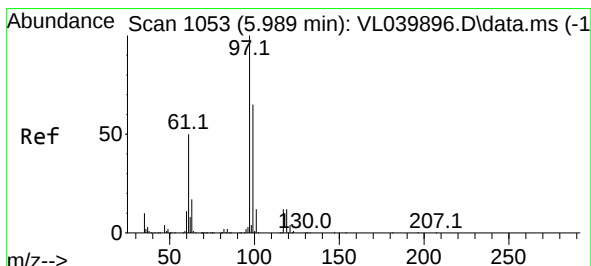
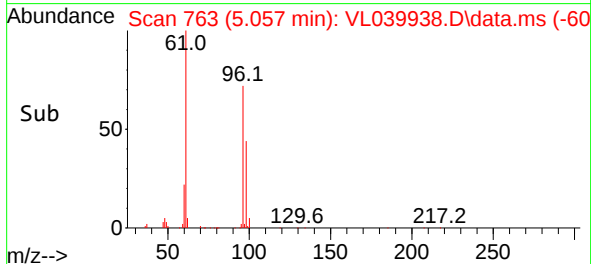
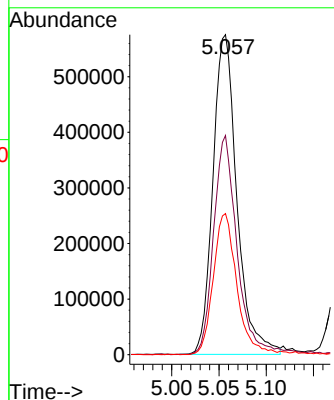
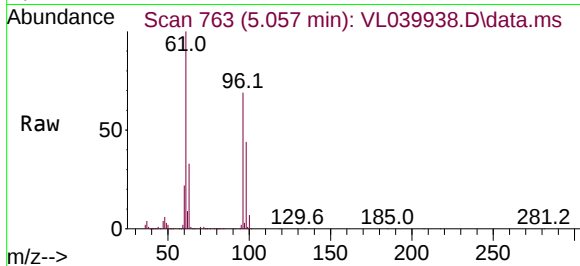




#31
 cis-1,2-Dichloroethene
 Concen: 9.010 ppbv
 RT: 5.057 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

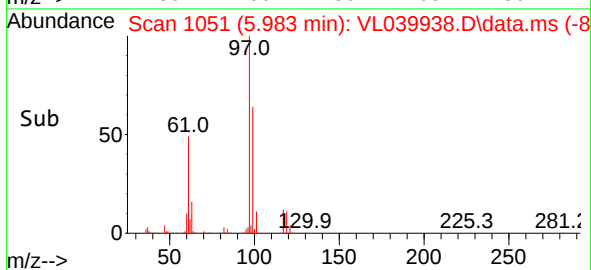
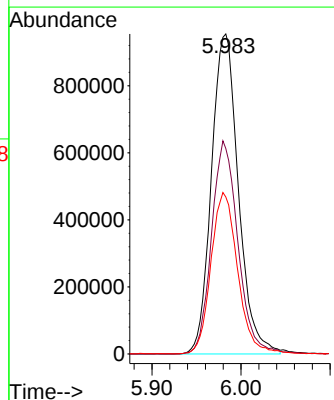
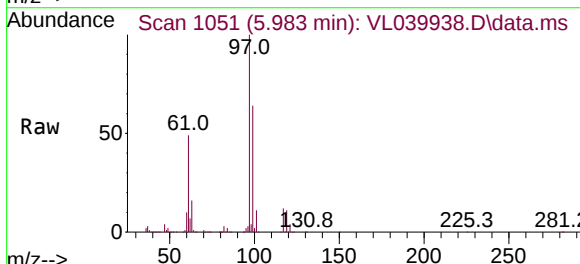
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1201ABS01

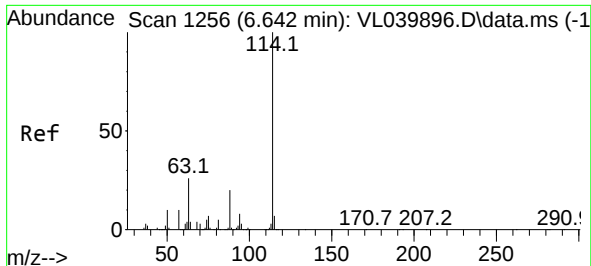
Tgt Ion: 61 Resp: 1014531
 Ion Ratio Lower Upper
 61 100
 96 68.4 50.3 75.5
 98 44.2 32.2 48.2



#32
 1,1,1-Trichloroethane
 Concen: 9.928 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Tgt Ion: 97 Resp: 2008132
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.4 77.0
 61 49.9 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS01

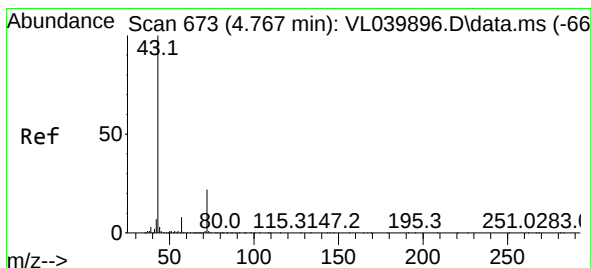
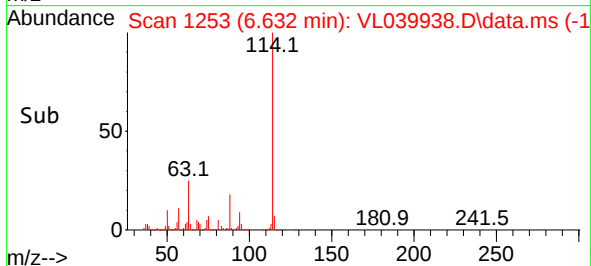
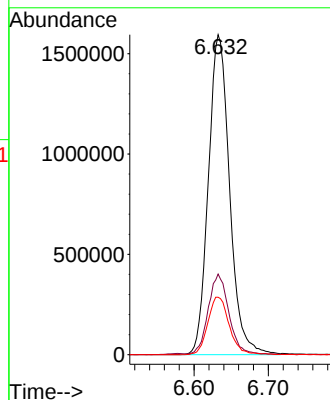
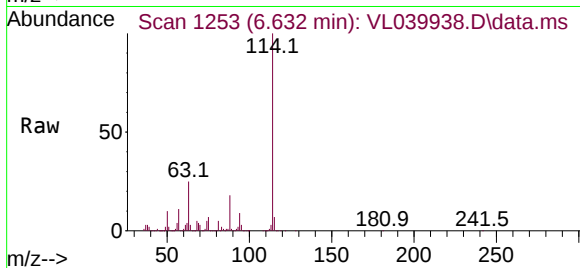
Tgt Ion:114 Resp: 3168081

Ion Ratio Lower Upper

114 100

63 25.1 21.4 32.0

88 18.2 15.3 22.9



#34

2-Butanone

Concen: 9.598 ppbv

RT: 4.761 min Scan# 671

Delta R.T. -0.006 min

Lab File: VL039938.D

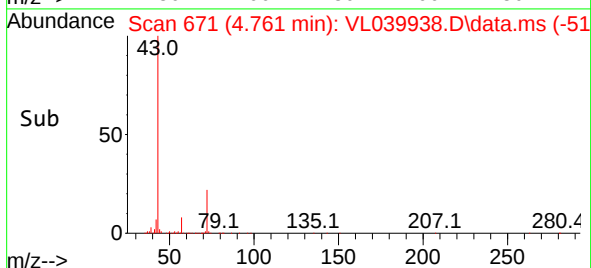
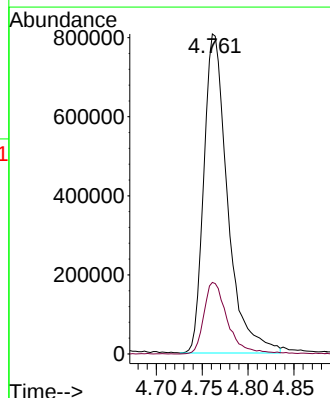
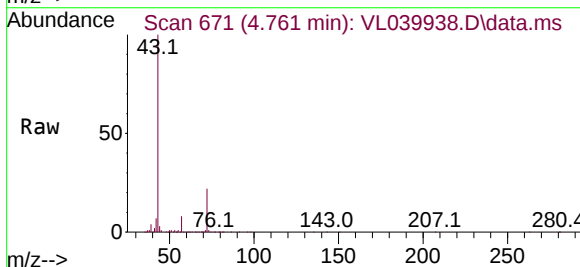
Acq: 1 Dec 2022 12:18

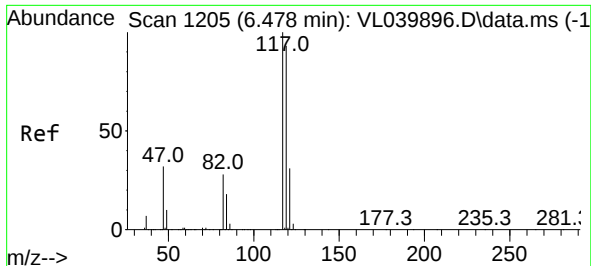
Tgt Ion: 43 Resp: 1454988

Ion Ratio Lower Upper

43 100

72 22.4 17.4 26.2

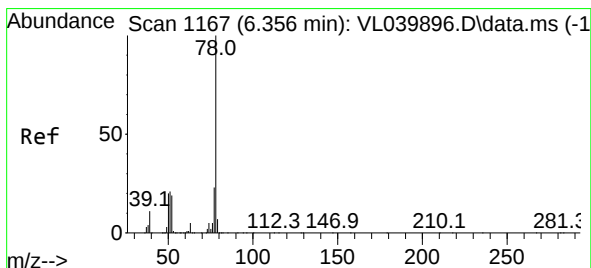
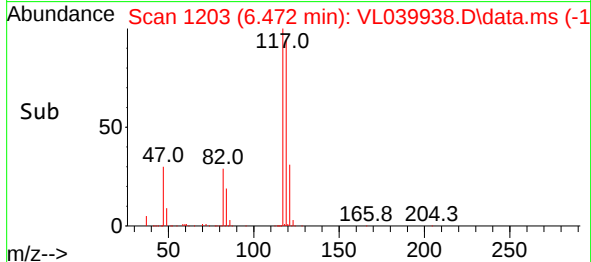
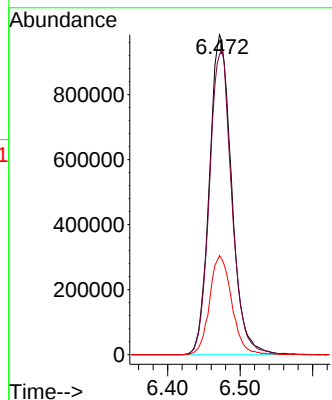
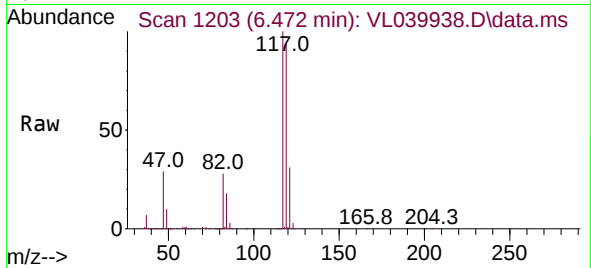




#35
Carbon Tetrachloride
Concen: 11.628 ppbv
RT: 6.472 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

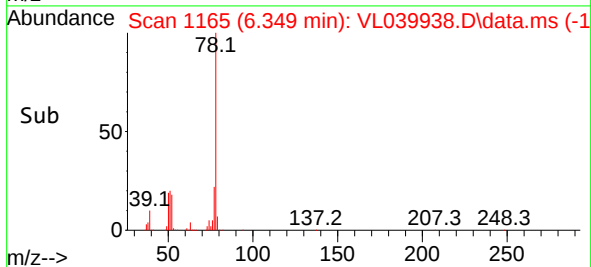
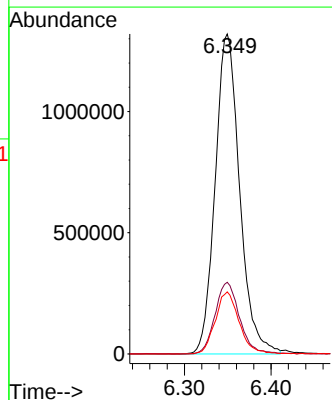
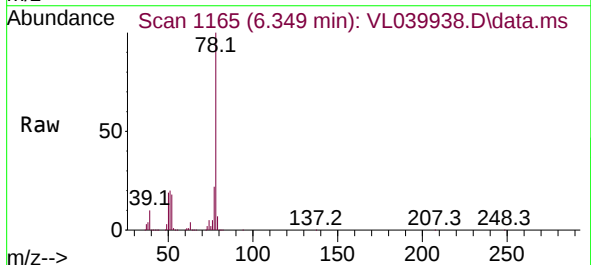
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

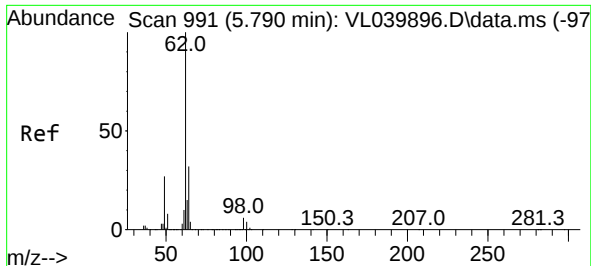
Tgt Ion:117 Resp: 2092105
Ion Ratio Lower Upper
117 100
119 93.9 74.7 112.1
121 31.0 24.5 36.7



#36
Benzene
Concen: 9.622 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 78 Resp: 2591211
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.2
50 19.4 15.8 23.8





#37

1,2-Dichloroethane

Concen: 10.387 ppbv

RT: 5.783 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

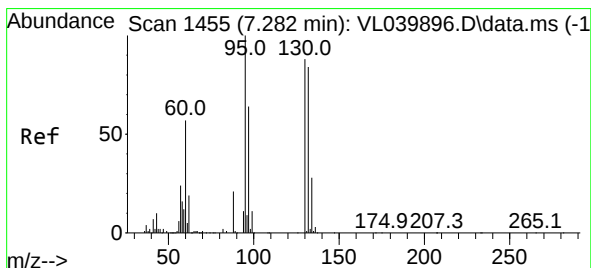
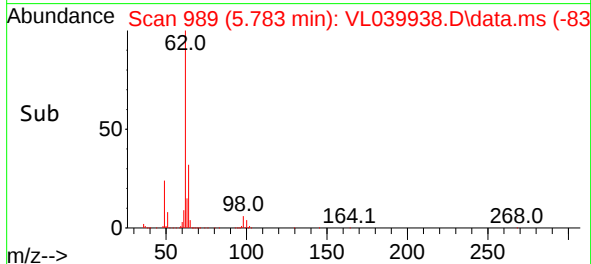
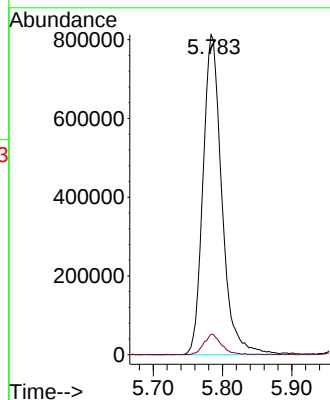
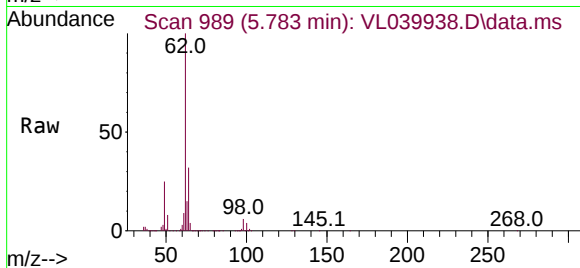
VL1201ABS01

Tgt Ion: 62 Resp: 1532858

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.6



#38

Trichloroethene

Concen: 9.809 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Tgt Ion:130 Resp: 1476617

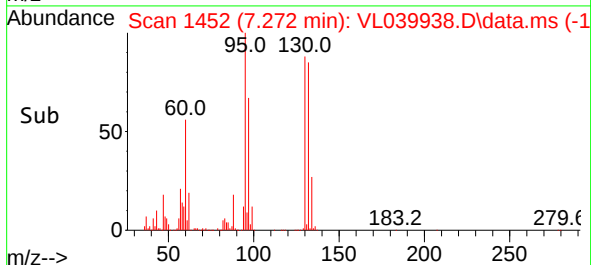
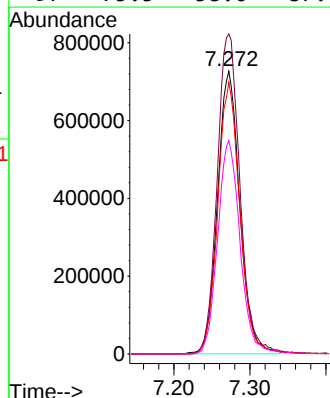
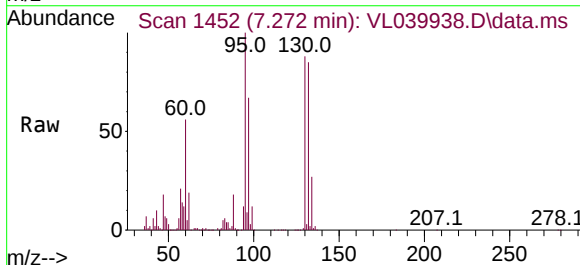
Ion Ratio Lower Upper

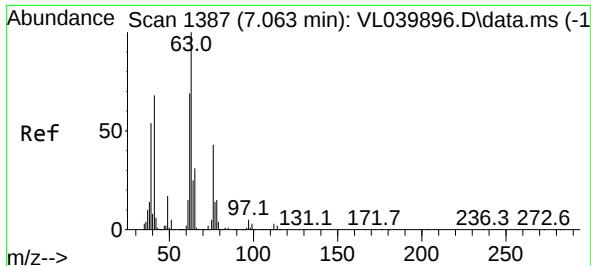
130 100

95 113.3 90.6 135.8

132 96.2 76.2 114.4

97 75.5 58.0 87.0





#39

1,2-Dichloropropane

Concen: 9.325 ppbv

RT: 7.054 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS01

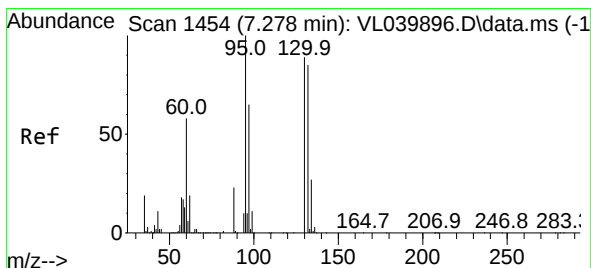
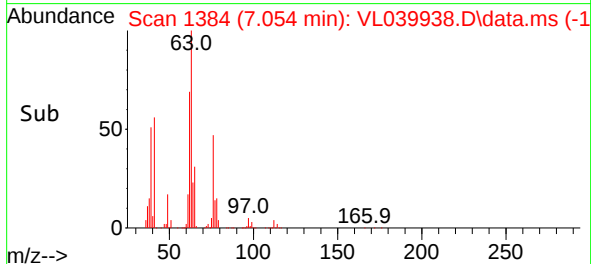
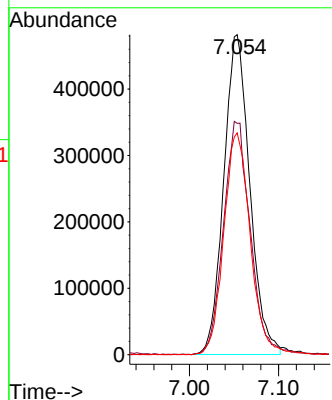
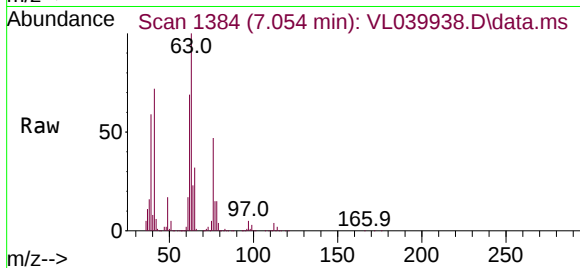
Tgt Ion: 63 Resp: 978315

Ion Ratio Lower Upper

63 100

41 72.2 54.7 82.1

62 69.3 55.0 82.6



#40

1,4-Dioxane

Concen: 8.606 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.006 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Tgt Ion: 88 Resp: 359711

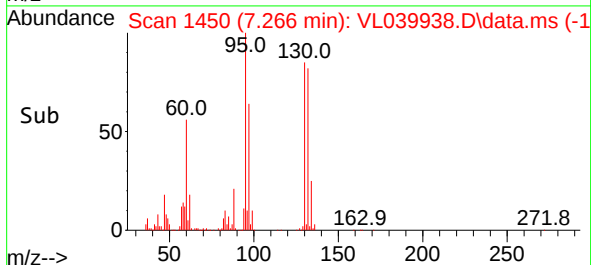
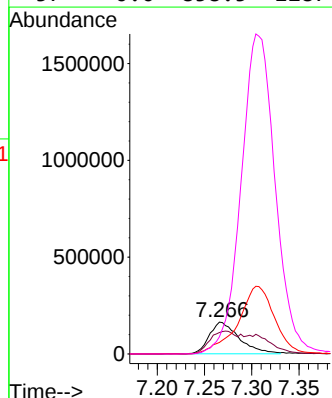
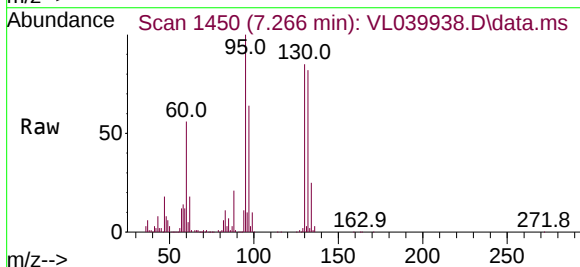
Ion Ratio Lower Upper

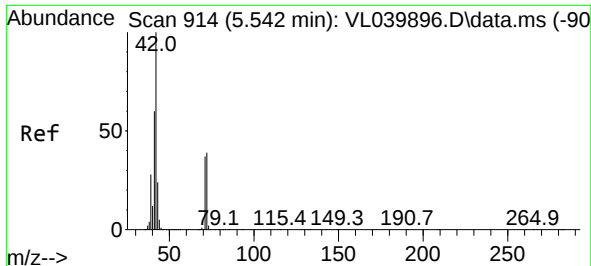
88 100

58 125.1 100.5 150.7

43 0.0 195.8 293.8#

57 0.0 858.5 1287.7#





#41

Tetrahydrofuran

Concen: 9.402 ppbv

RT: 5.536 min Scan# 914

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS01

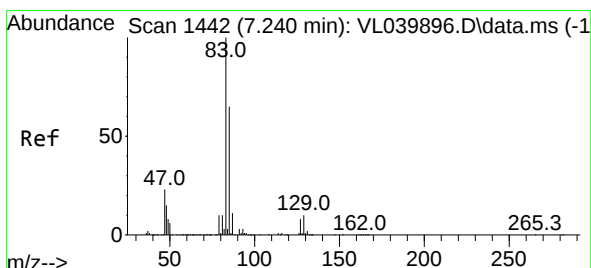
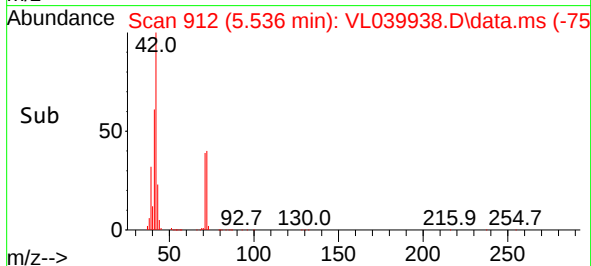
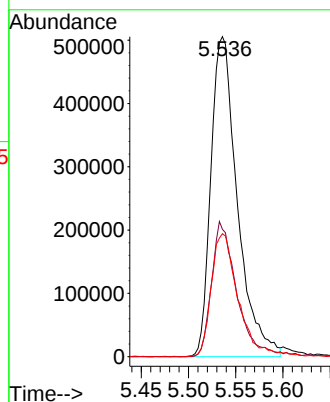
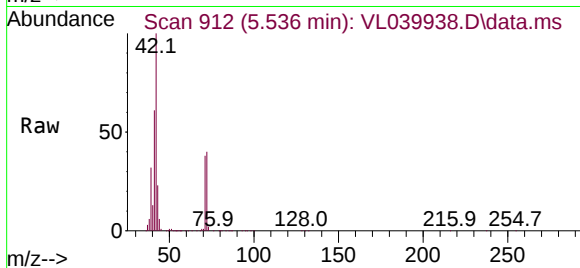
Tgt Ion: 42 Resp: 983941

Ion Ratio Lower Upper

42 100

72 40.8 31.6 47.4

71 39.5 31.2 46.8



#42

Bromodichloromethane

Concen: 10.843 ppbv

RT: 7.230 min Scan# 1439

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

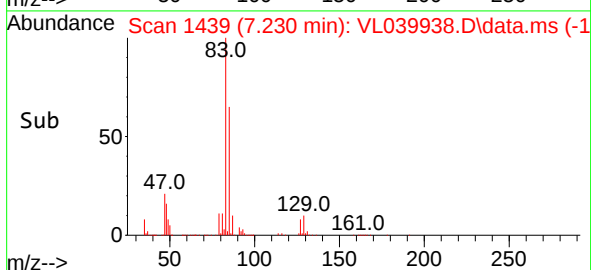
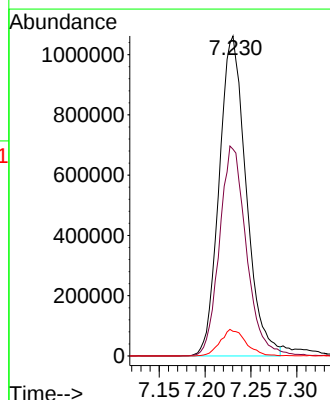
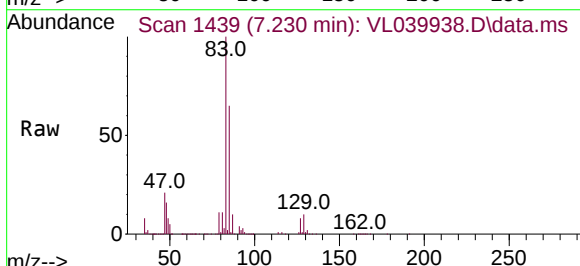
Tgt Ion: 83 Resp: 2170022

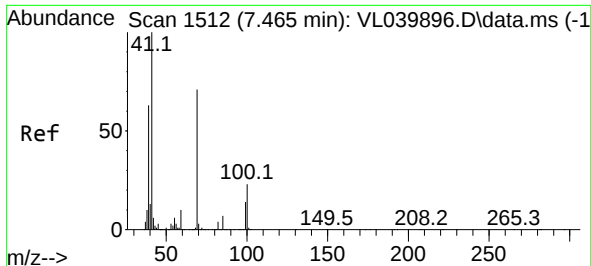
Ion Ratio Lower Upper

83 100

85 64.6 52.0 78.0

127 7.7 6.5 9.7



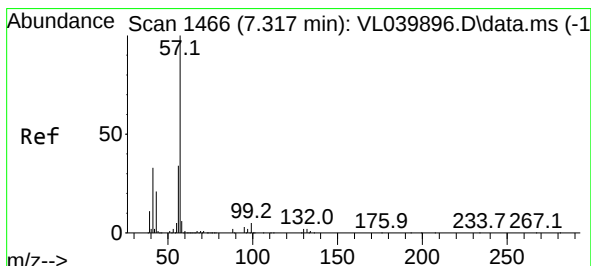
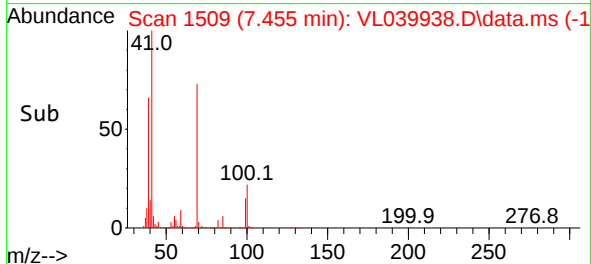
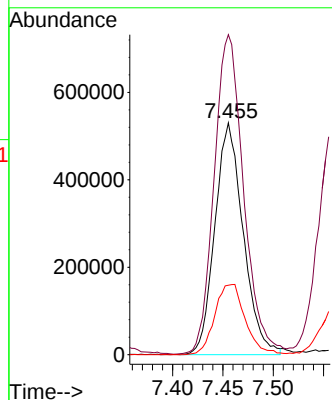
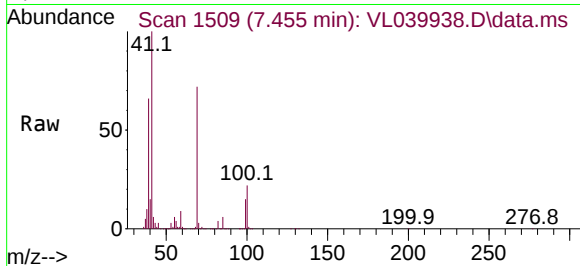


#43
Methyl Methacrylate
Concen: 9.841 ppbv
RT: 7.455 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

Tgt Ion: 69 Resp: 1038933

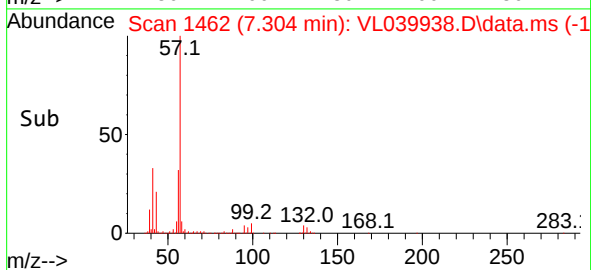
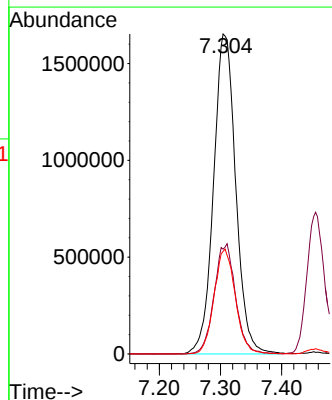
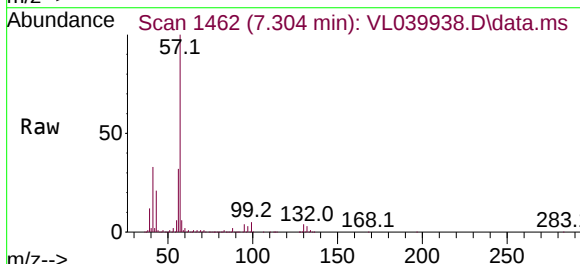
Ion	Ratio	Lower	Upper
69	100		
41	143.7	116.4	174.6
100	32.5	26.8	40.2

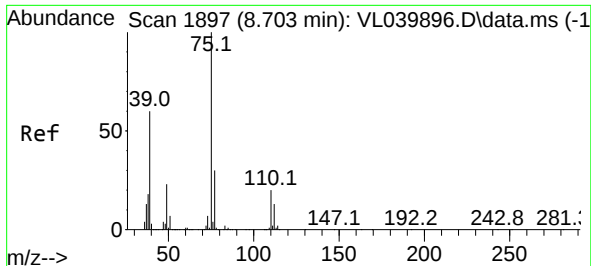


#44
2,2,4-Trimethylpentane
Concen: 9.257 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.006 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 57 Resp: 4161505

Ion	Ratio	Lower	Upper
57	100		
41	33.4	26.2	39.2
56	31.5	25.5	38.3

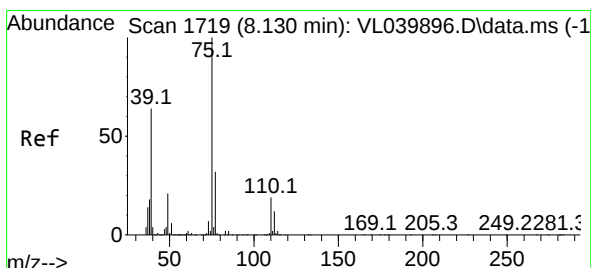
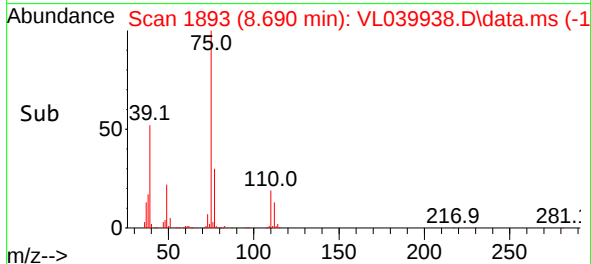
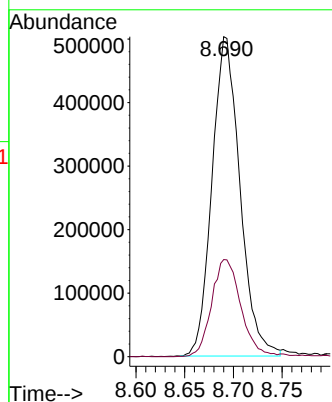
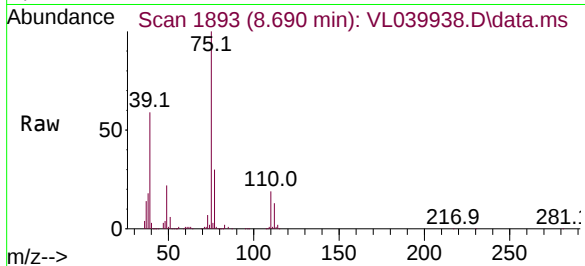




#45
t-1,3-Dichloropropene
Concen: 10.272 ppbv
RT: 8.690 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

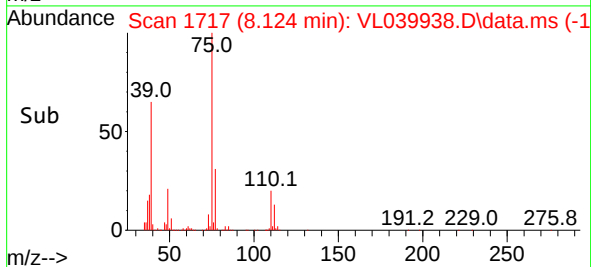
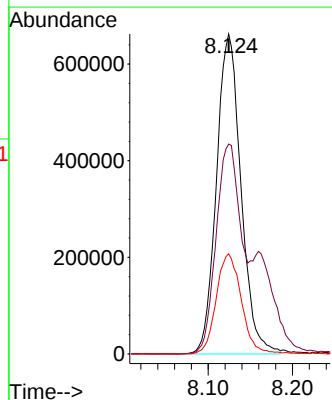
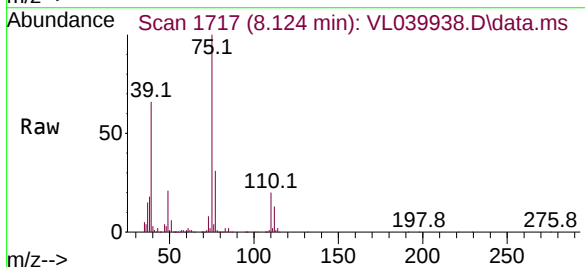
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

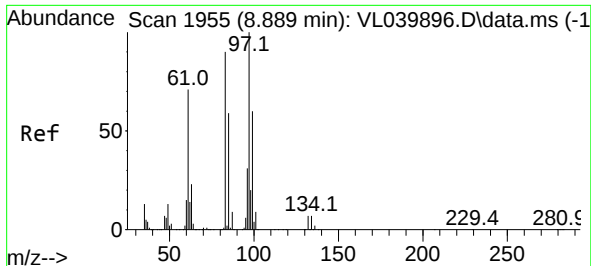
Tgt Ion: 75 Resp: 1001989
Ion Ratio Lower Upper
75 100
77 30.3 24.2 36.4



#46
cis-1,3-Dichloropropene
Concen: 9.889 ppbv
RT: 8.124 min Scan# 1717
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 75 Resp: 1336327
Ion Ratio Lower Upper
75 100
39 65.6 51.0 76.4
77 31.3 25.4 38.0



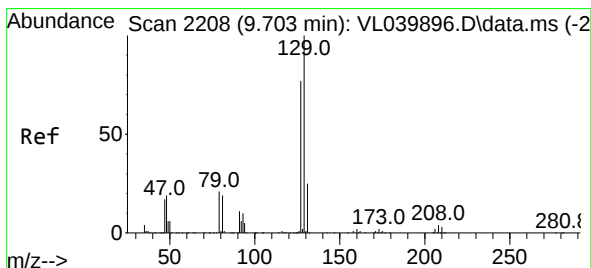
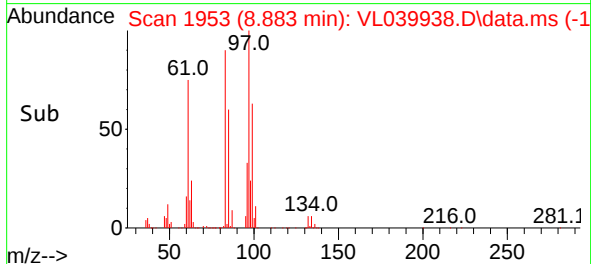
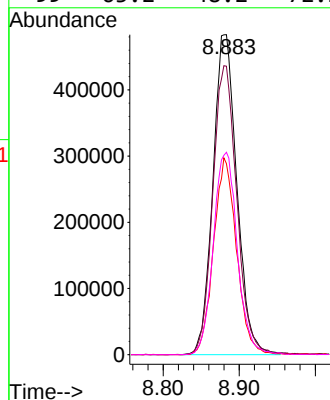
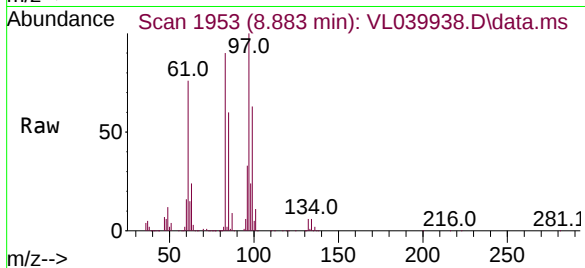


#47
1,1,2-Trichloroethane
Concen: 9.801 ppbv
RT: 8.883 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

Tgt Ion: 97 Resp: 1056837

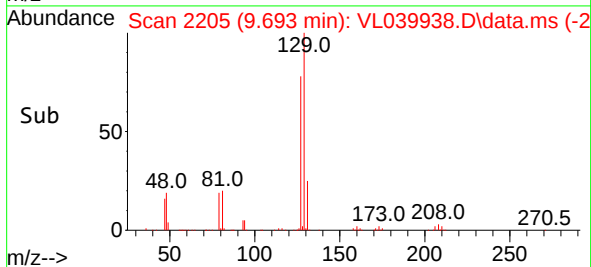
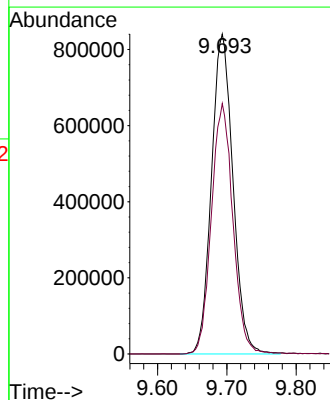
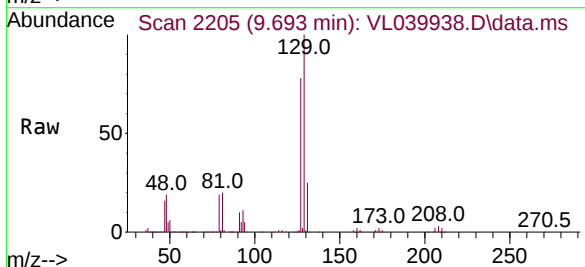
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.1	108.1
85	59.7	47.2	70.8
99	63.2	48.2	72.2

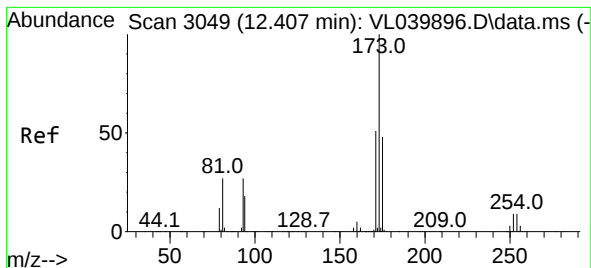


#48
Dibromochloromethane
Concen: 11.472 ppbv
RT: 9.693 min Scan# 2205
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 129 Resp: 1811762

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.3





#49

Bromoform

Concen: 10.884 ppbv

RT: 12.391 min Scan# 3044

Delta R.T. -0.006 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS01

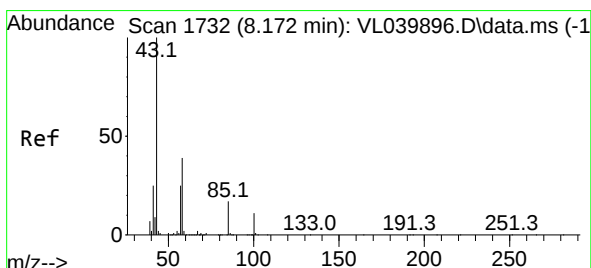
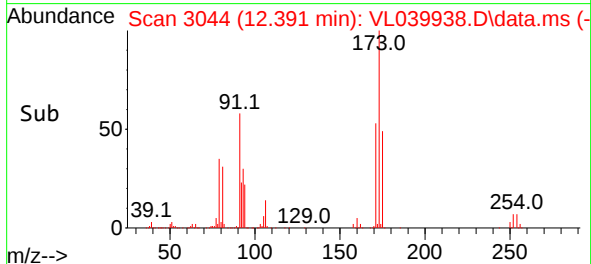
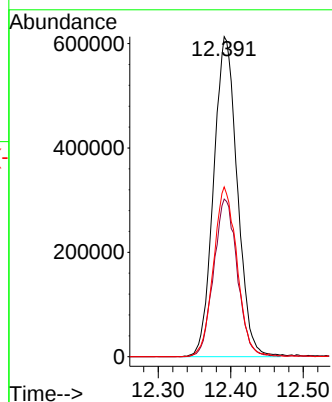
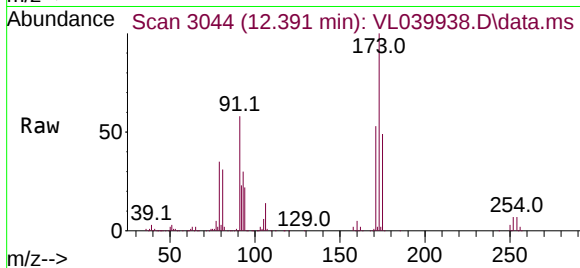
Tgt Ion:173 Resp: 1391383

Ion Ratio Lower Upper

173 100

175 49.6 39.1 58.7

171 52.8 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 9.514 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. -0.003 min

Lab File: VL039938.D

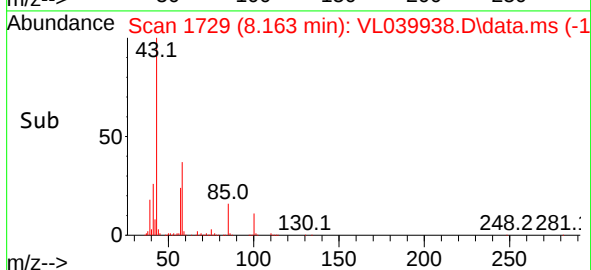
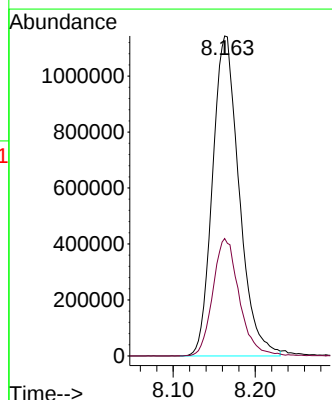
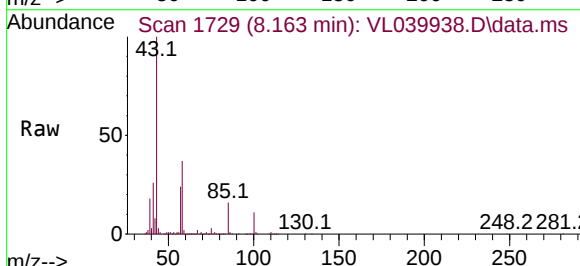
Acq: 1 Dec 2022 12:18

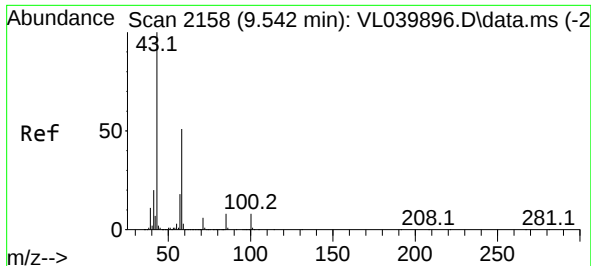
Tgt Ion: 43 Resp: 2583094

Ion Ratio Lower Upper

43 100

58 36.5 29.8 44.6

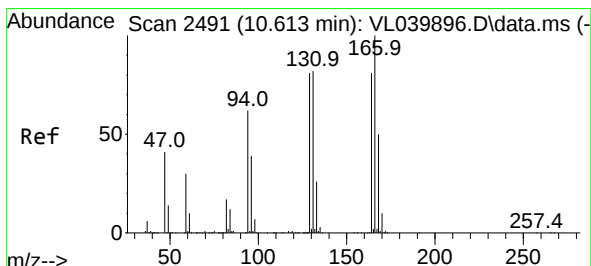
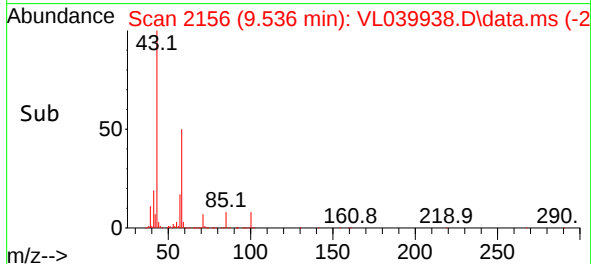
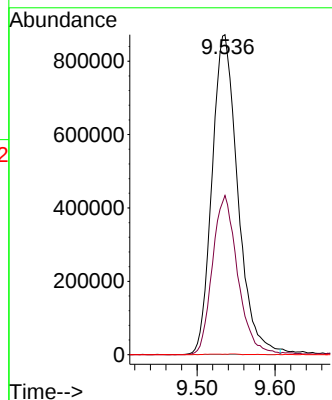
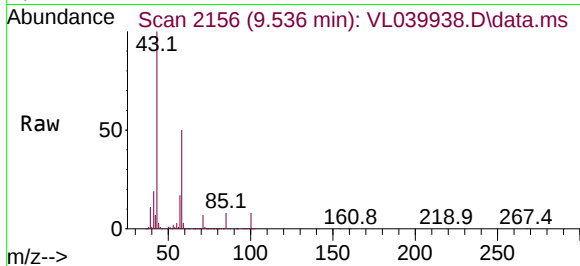




#51
2-Hexanone
Concen: 9.509 ppbv
RT: 9.536 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

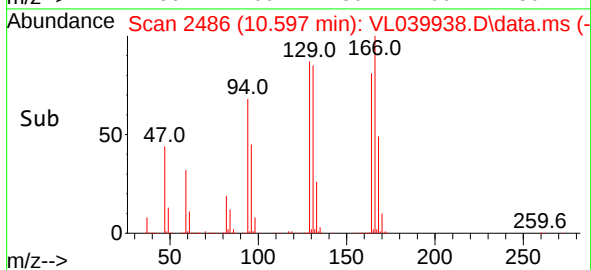
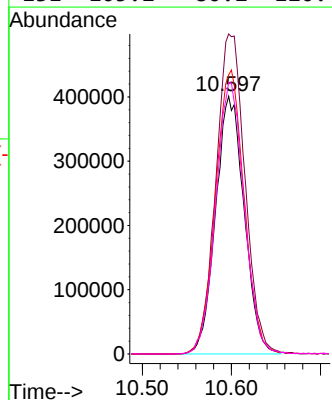
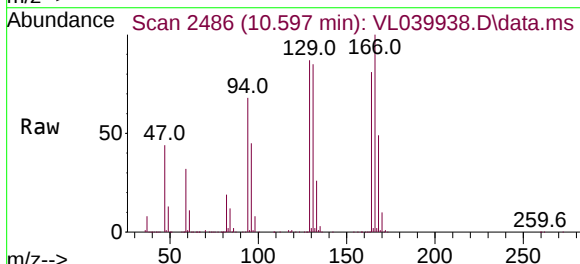
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

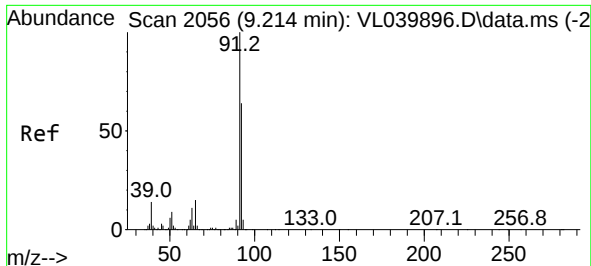
Tgt Ion: 43 Resp: 2004073
Ion Ratio Lower Upper
43 100
58 49.3 40.2 60.4
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.842 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.006 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 164 Resp: 890772
Ion Ratio Lower Upper
164 100
166 124.1 98.3 147.5
129 108.2 79.7 119.5
131 105.2 80.2 120.4

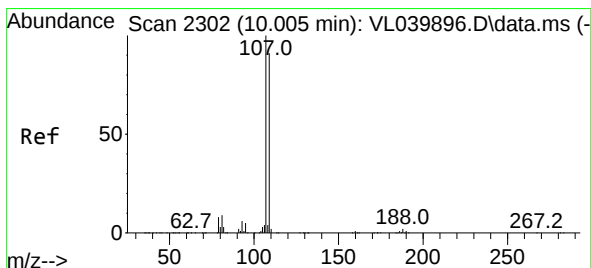
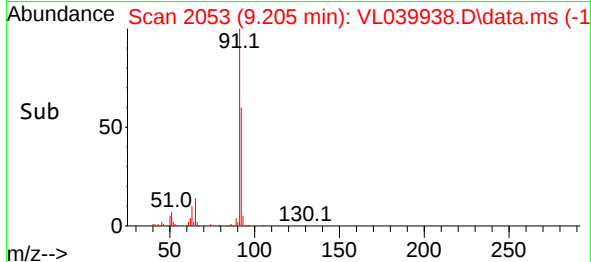
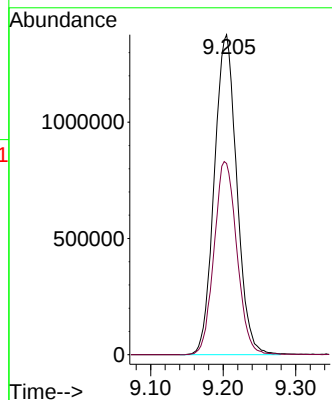
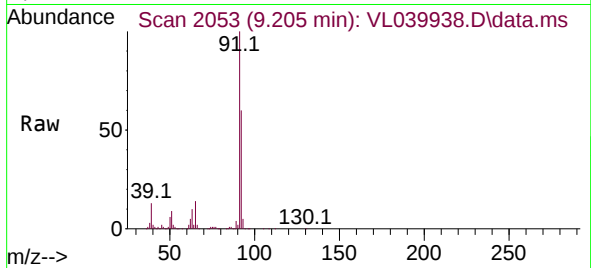




#53
Toluene
Concen: 9.658 ppbv
RT: 9.205 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

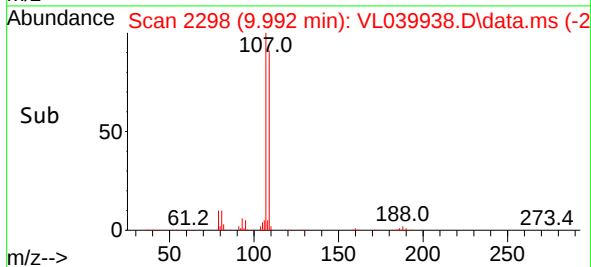
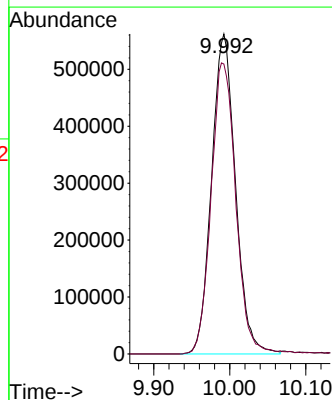
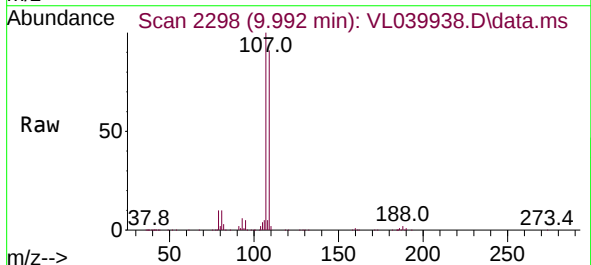
Instrument :
MSVOA_1
ClientSampleId :
VL1201ABS01

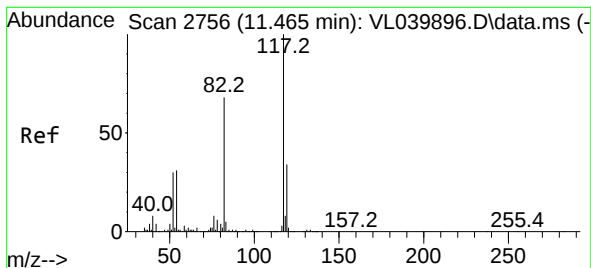
Tgt Ion: 91 Resp: 2962666
Ion Ratio Lower Upper
91 100
92 61.3 49.8 74.6



#54
1,2-Dibromoethane
Concen: 10.650 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 107 Resp: 1225484
Ion Ratio Lower Upper
107 100
109 90.6 72.8 109.2

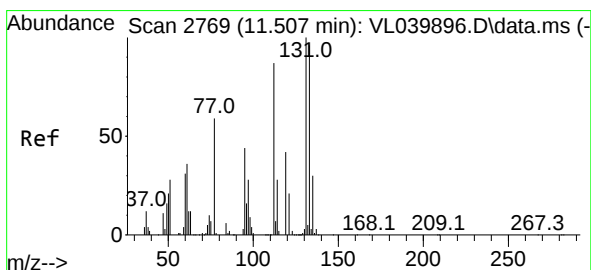
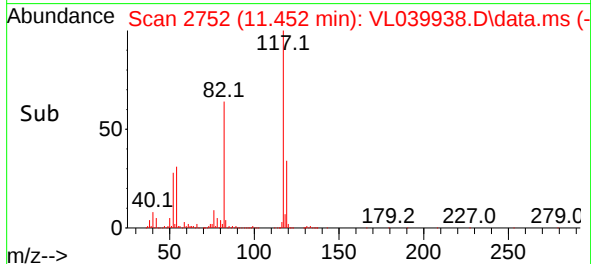
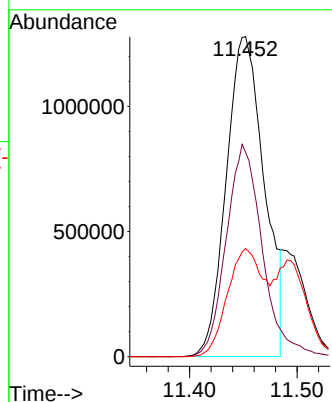
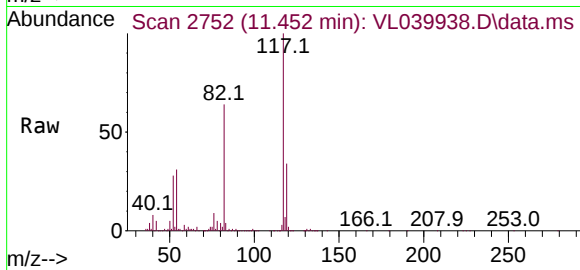




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

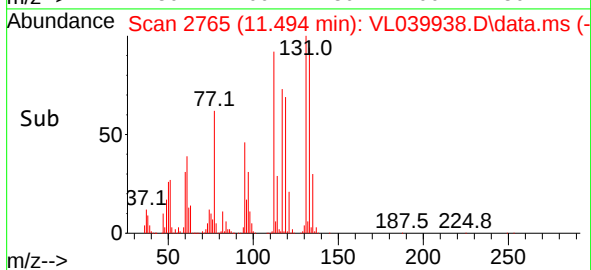
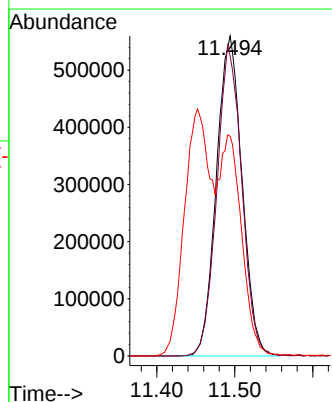
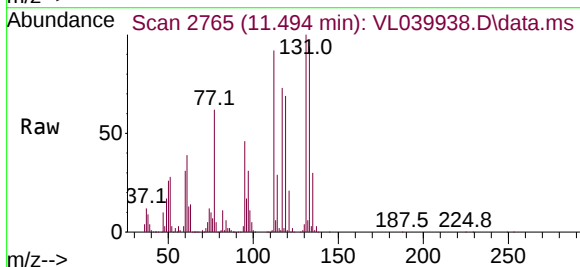
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

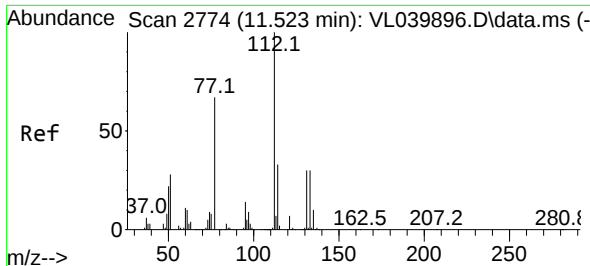
Tgt Ion:117 Resp: 3139968
Ion Ratio Lower Upper
117 100
82 63.4 52.3 78.5
119 34.2 25.7 38.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.975 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion:131 Resp: 1280353
Ion Ratio Lower Upper
131 100
133 94.4 76.7 115.1
119 65.5 46.6 69.8

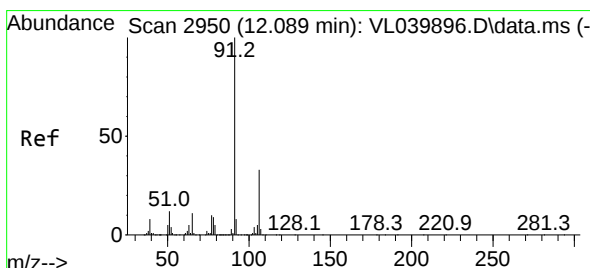
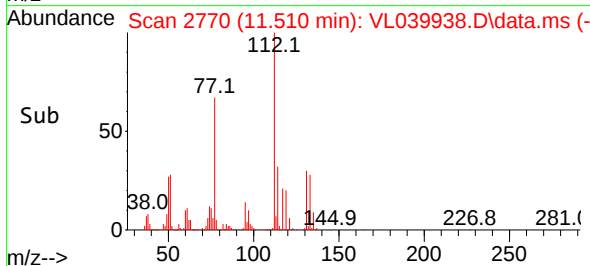
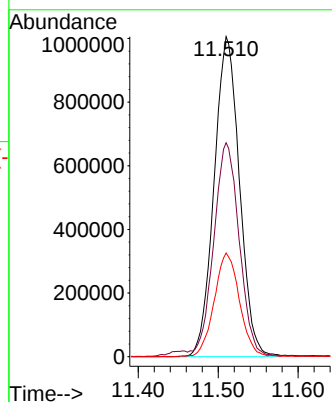
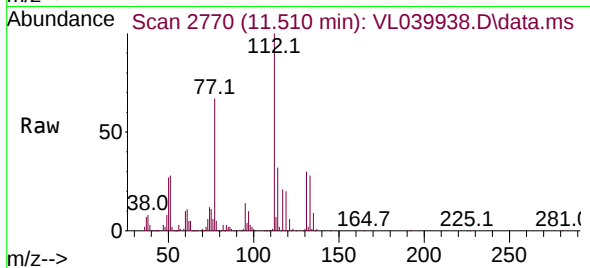




#57
Chlorobenzene
Concen: 9.230 ppbv
RT: 11.510 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

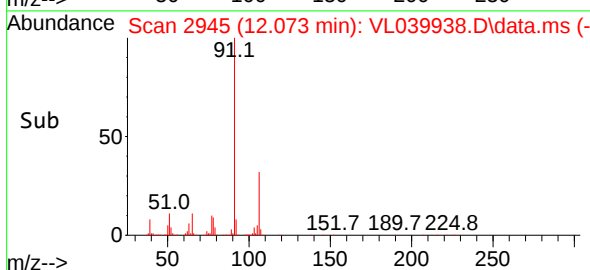
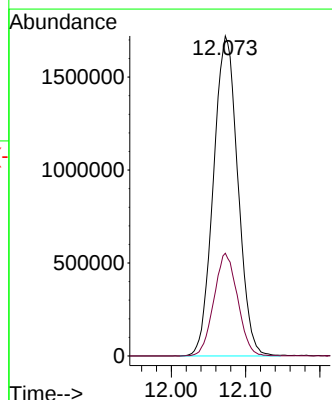
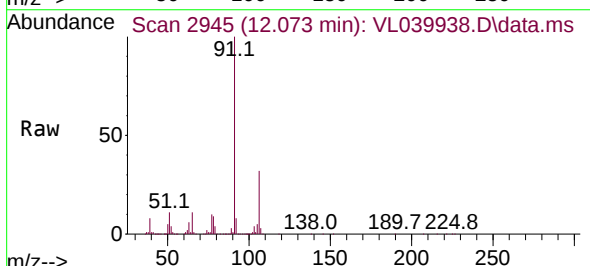
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

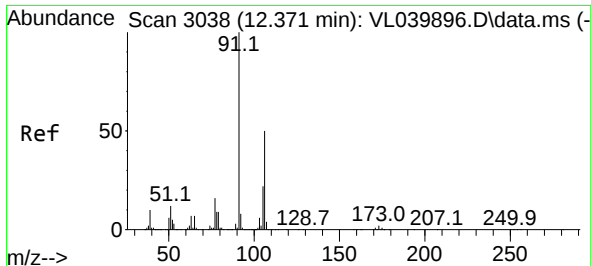
Tgt Ion:112 Resp: 2215832
Ion Ratio Lower Upper
112 100
77 66.5 54.6 81.8
114 32.3 30.1 36.7



#58
Ethyl Benzene
Concen: 9.234 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 91 Resp: 3933578
Ion Ratio Lower Upper
91 100
106 32.1 26.1 39.1





#59

m/p-Xylene

Concen: 9.868 ppbv

RT: 12.359 min Scan# 3038

Delta R.T. 0.000 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

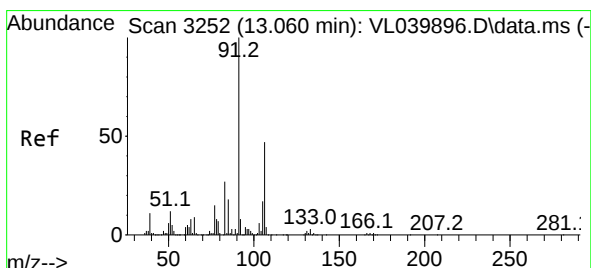
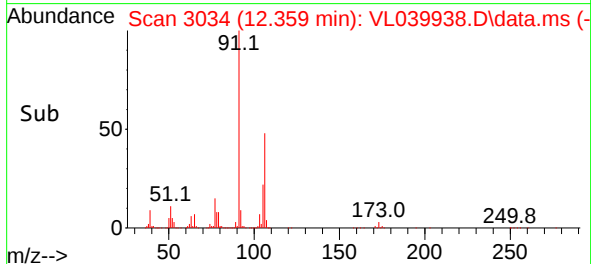
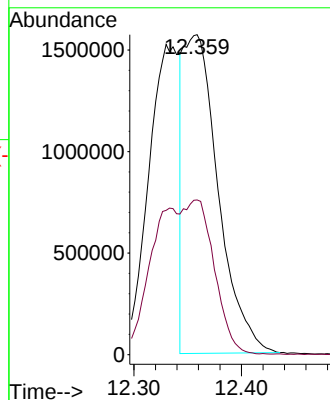
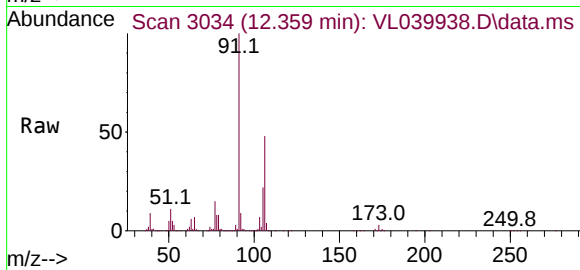
VL1201ABS01

Tgt Ion: 91 Resp: 3518302

Ion Ratio Lower Upper

91 100

106 84.4 37.0 55.6#



#60

o-Xylene

Concen: 9.320 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.003 min

Lab File: VL039938.D

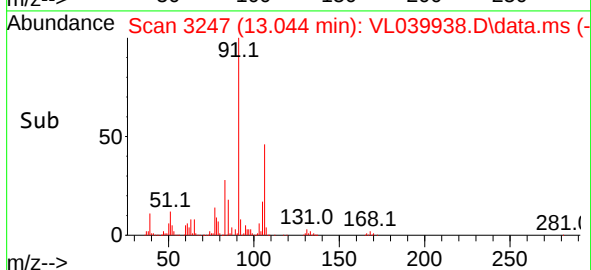
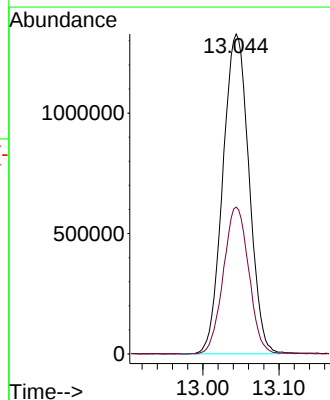
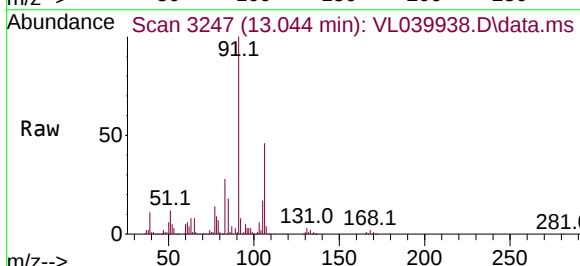
Acq: 1 Dec 2022 12:18

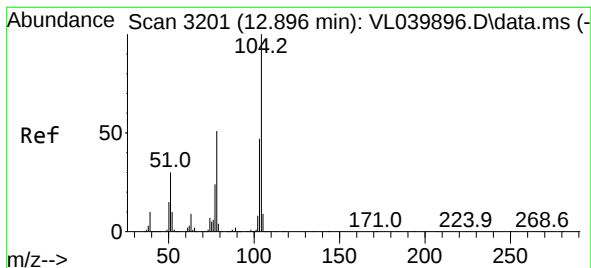
Tgt Ion: 91 Resp: 3168917

Ion Ratio Lower Upper

91 100

106 45.0 23.2 69.6





#61

Styrene

Concen: 9.263 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. -0.006 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS01

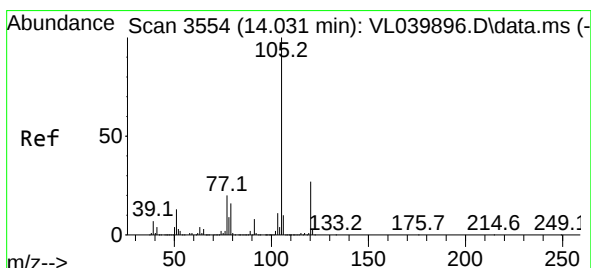
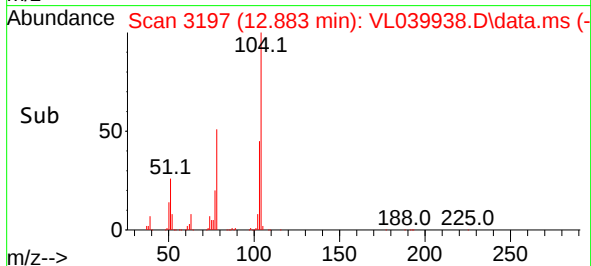
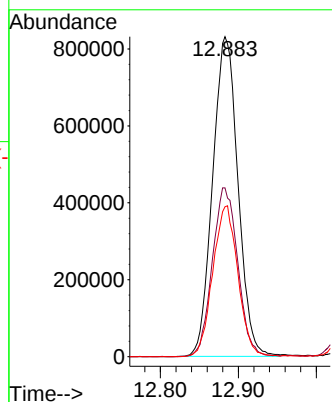
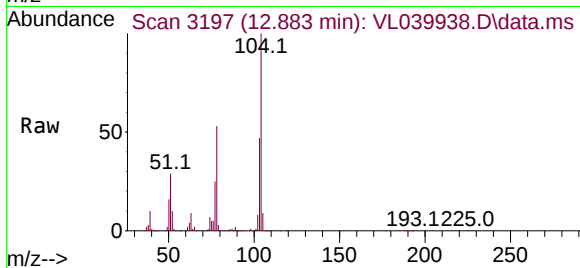
Tgt Ion:104 Resp: 1879980

Ion Ratio Lower Upper

104 100

78 53.3 41.8 62.8

103 47.1 37.2 55.8



#62

Isopropylbenzene

Concen: 9.202 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. -0.003 min

Lab File: VL039938.D

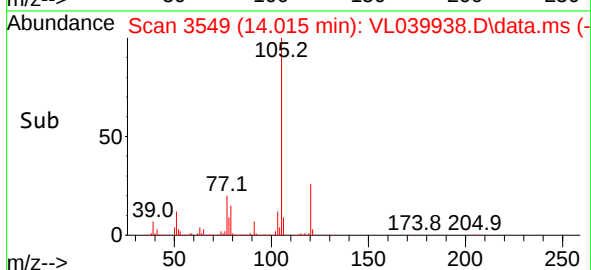
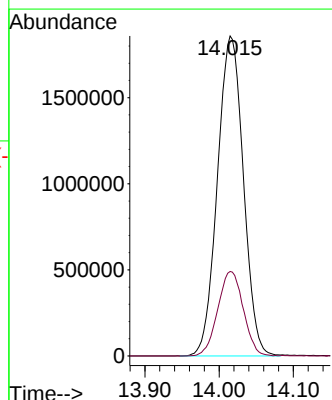
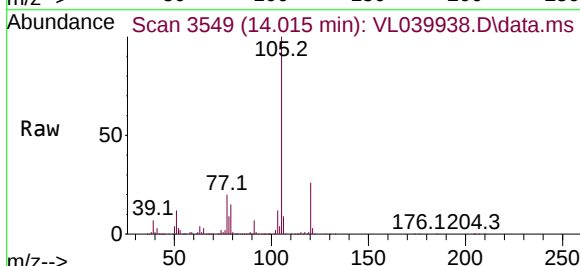
Acq: 1 Dec 2022 12:18

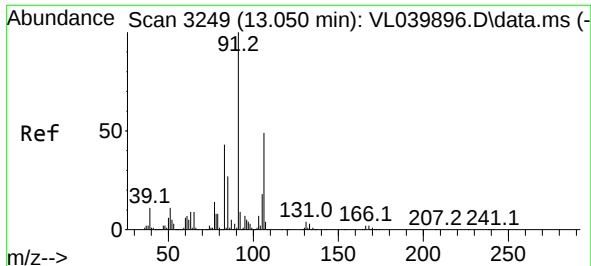
Tgt Ion:105 Resp: 4511695

Ion Ratio Lower Upper

105 100

120 26.0 21.4 32.2

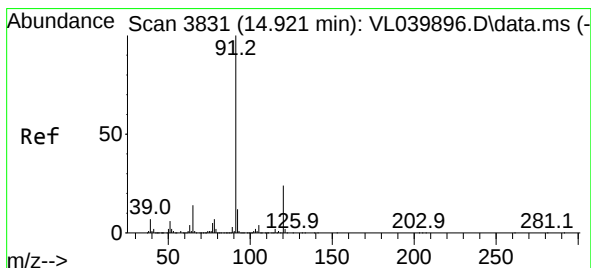
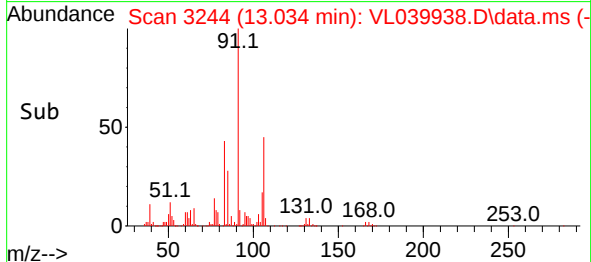
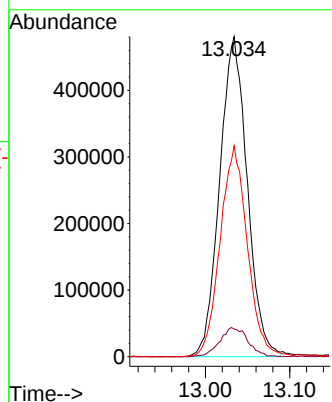
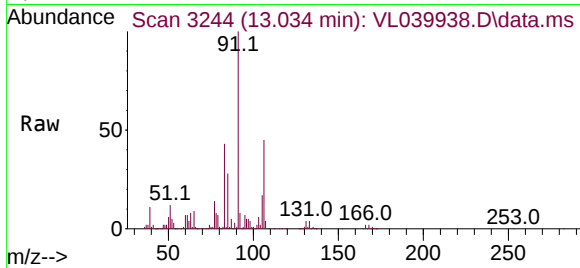




#63
1,1,2,2-Tetrachloroethane
Concen: 9.601 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

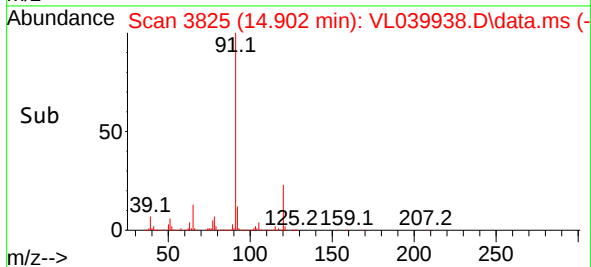
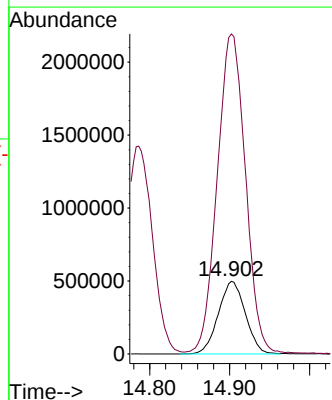
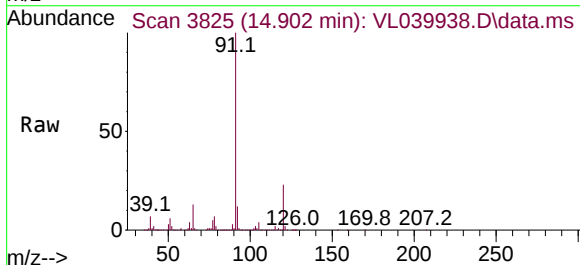
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

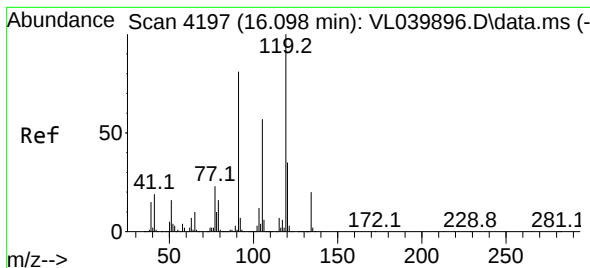
Tgt Ion: 83 Resp: 1090023
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 65.7 33.0 99.0



#64
n-propylbenzene
Concen: 9.098 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion:120 Resp: 1166949
Ion Ratio Lower Upper
120 100
91 462.9 353.7 530.5

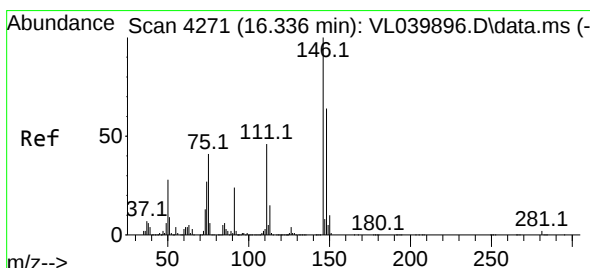
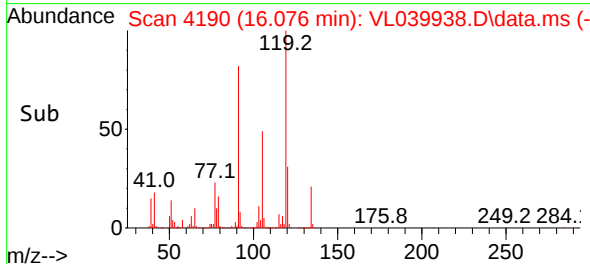
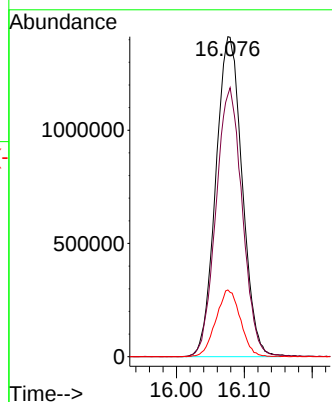
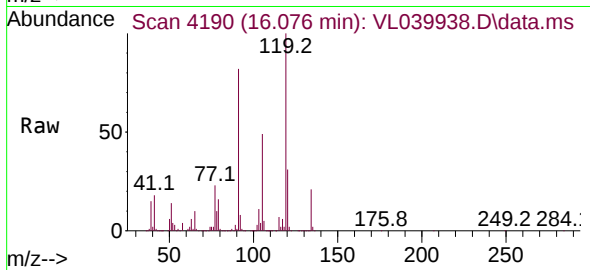




#65
tert-Butylbenzene
Concen: 8.911 ppbv
RT: 16.076 min Scan# 4190
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

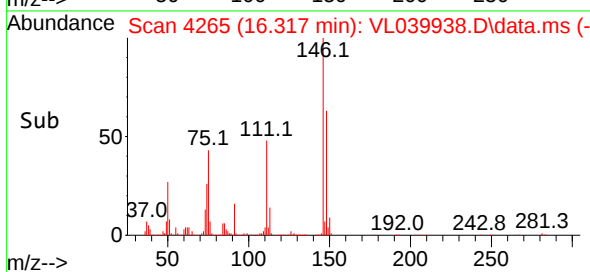
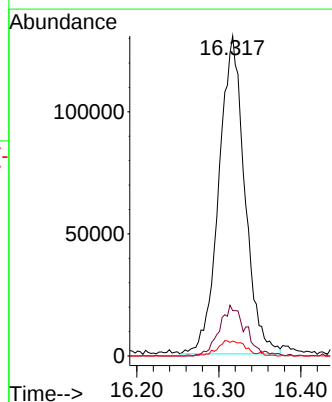
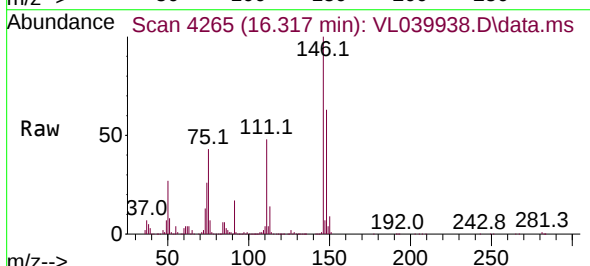
Instrument :
MSVOA_1
ClientSampleId :
VL1201ABS01

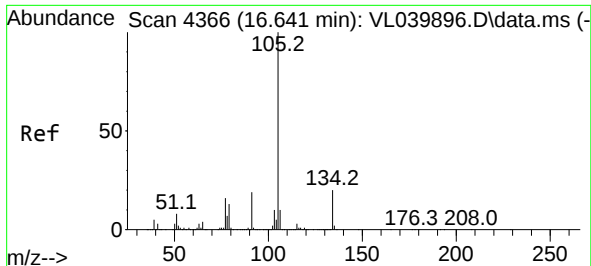
Tgt Ion:119 Resp: 3822356
Ion Ratio Lower Upper
119 100
91 83.9 65.8 98.8
134 19.4 16.1 24.1



#66
Benzyl Chloride
Concen: 7.774 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 91 Resp: 285748
Ion Ratio Lower Upper
91 100
126 16.3 15.0 22.6
128 5.4 4.6 7.0

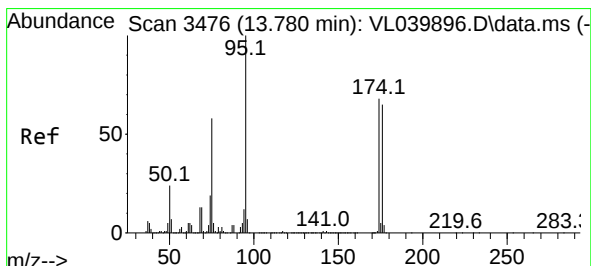
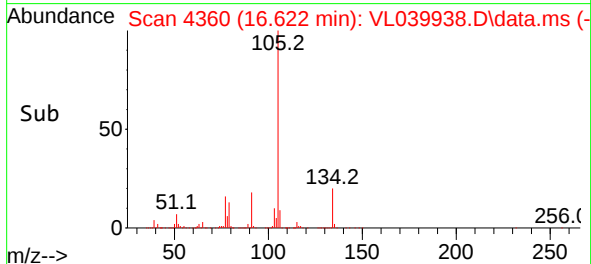
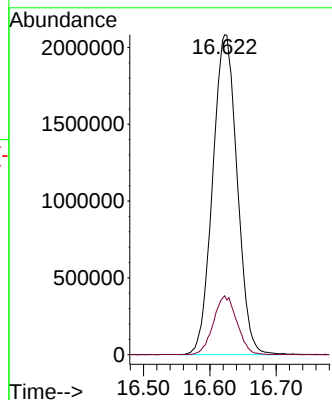
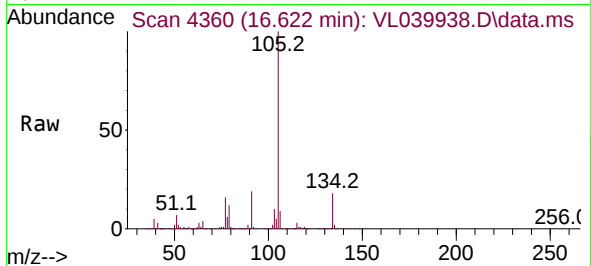




#67
 sec-Butylbenzene
 Concen: 9.053 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

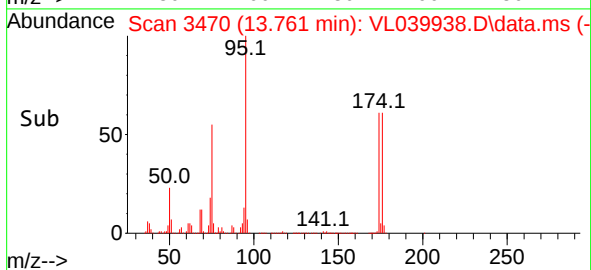
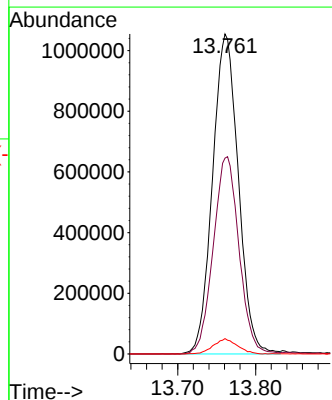
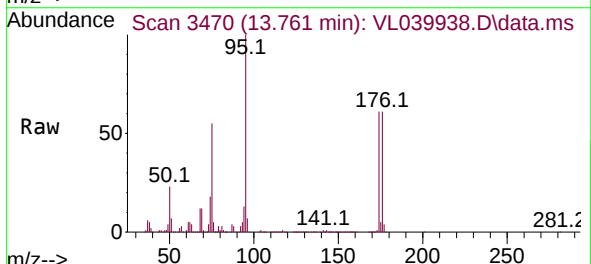
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1201ABS01

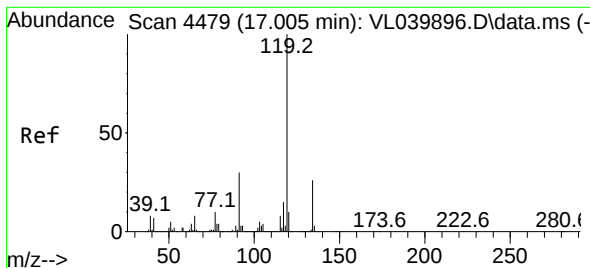
Tgt Ion:105 Resp: 5339240
 Ion Ratio Lower Upper
 105 100
 134 17.8 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.109 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.003 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Tgt Ion: 95 Resp: 2424473
 Ion Ratio Lower Upper
 95 100
 174 61.9 53.7 80.5
 175 4.4 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.876 ppbv

RT: 16.979 min Scan# 4479

Delta R.T. -0.006 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

VL1201ABS01

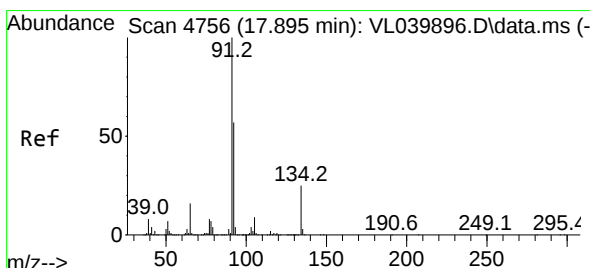
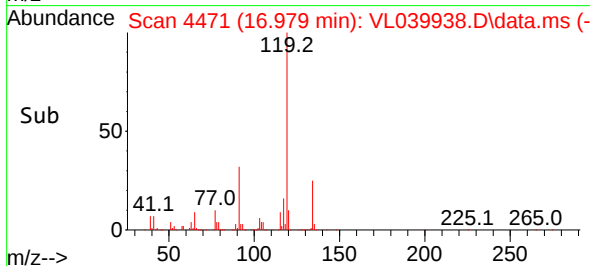
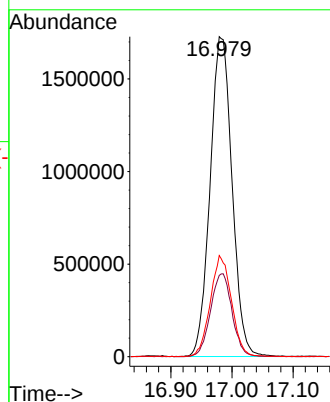
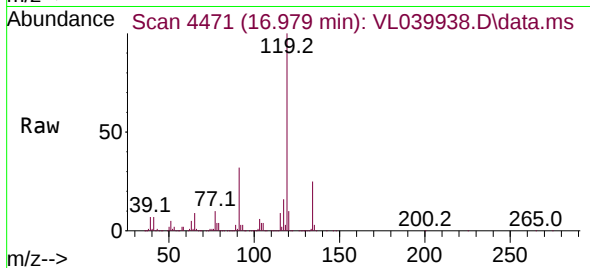
Tgt Ion:119 Resp: 4312032

Ion Ratio Lower Upper

119 100

134 25.5 21.0 31.4

91 30.4 24.4 36.6



#70

n-Butylbenzene

Concen: 9.030 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

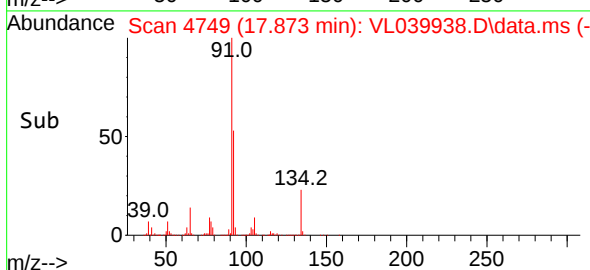
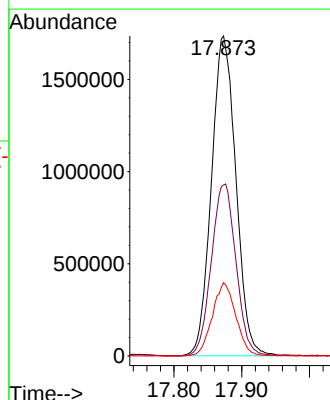
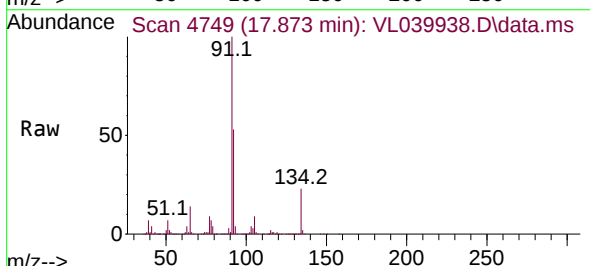
Tgt Ion: 91 Resp: 4349077

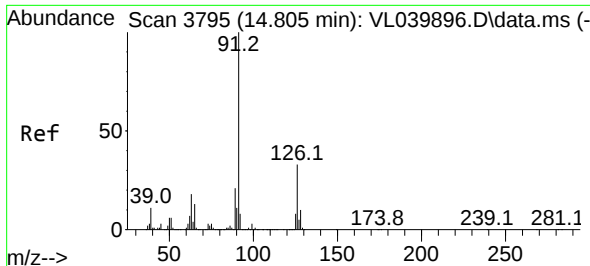
Ion Ratio Lower Upper

91 100

92 54.1 44.2 66.2

134 22.1 18.8 28.2

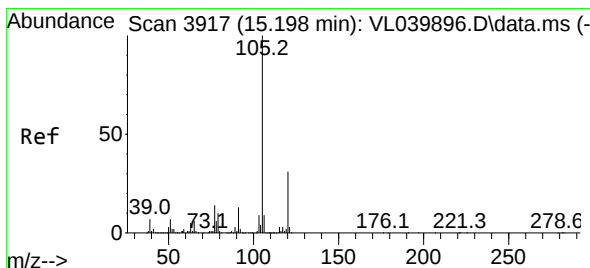
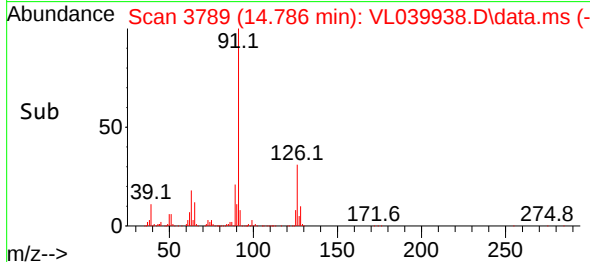
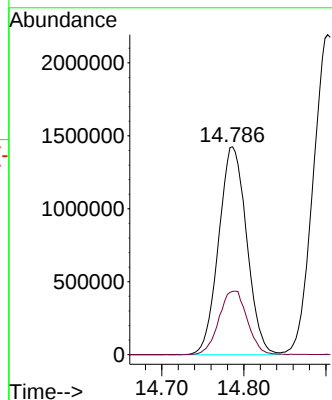
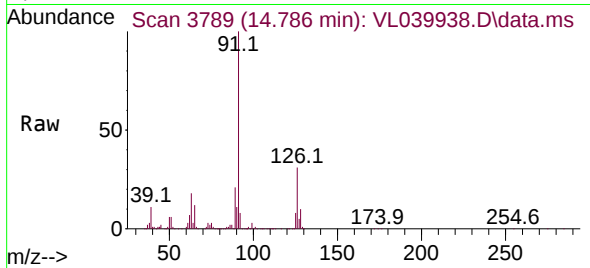




#71
2-Chlorotoluene
Concen: 9.112 ppbv
RT: 14.786 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

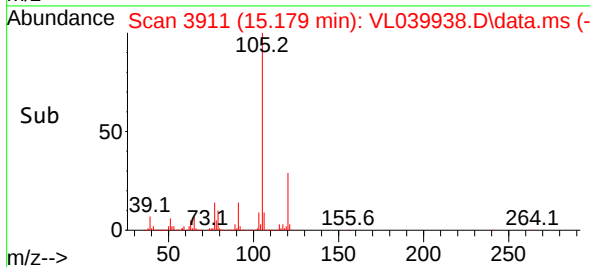
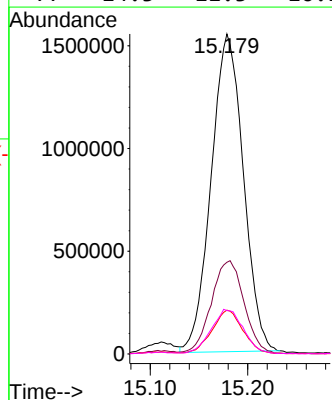
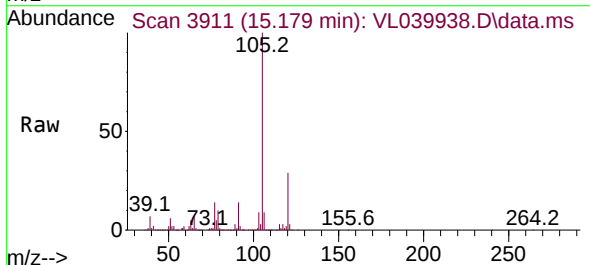
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

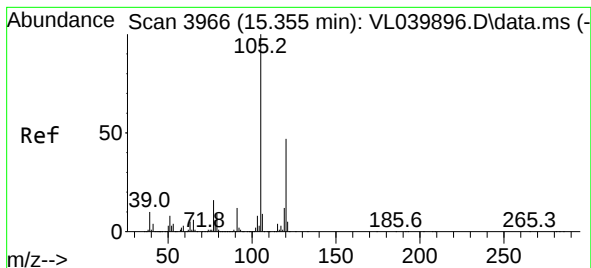
Tgt Ion: 91 Resp: 3386480
Ion Ratio Lower Upper
91 100
126 31.1 12.8 51.0



#72
4-Ethyltoluene
Concen: 9.295 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion: 105 Resp: 3552477
Ion Ratio Lower Upper
105 100
120 31.1 24.5 36.7
91 13.2 10.4 15.6
77 14.3 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 9.057 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. -0.003 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_L

ClientSampleId :

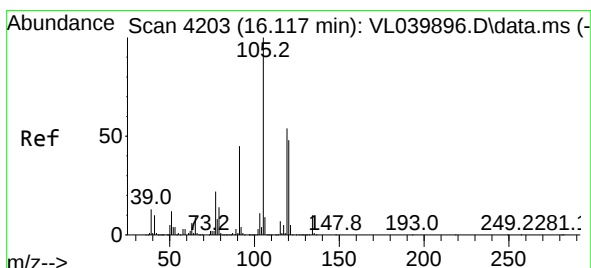
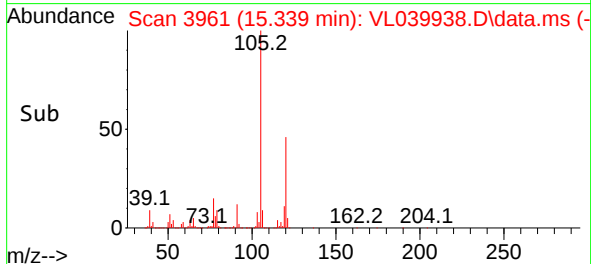
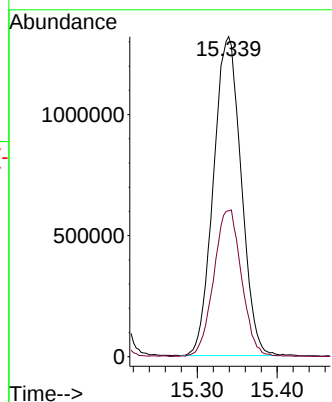
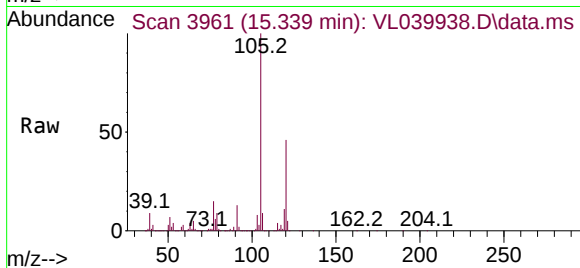
VL1201ABS01

Tgt Ion:105 Resp: 3168786

Ion Ratio Lower Upper

105 100

120 45.6 37.9 56.9



#74

1,2,4-Trimethylbenzene

Concen: 9.048 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.006 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Tgt Ion:105 Resp: 3351322

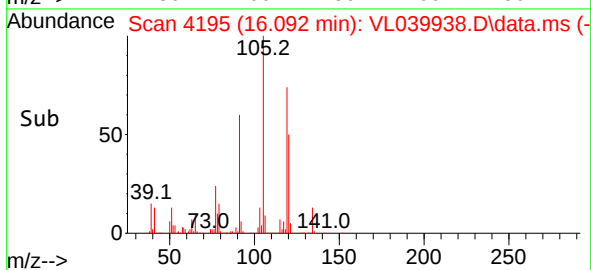
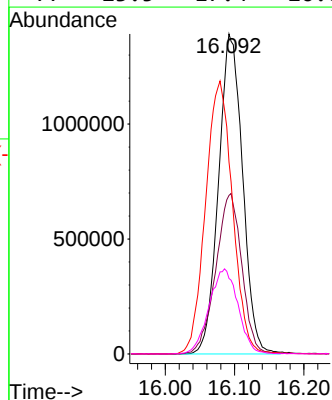
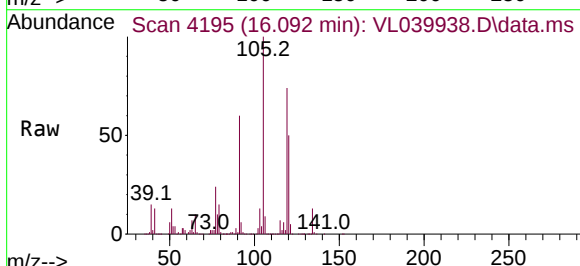
Ion Ratio Lower Upper

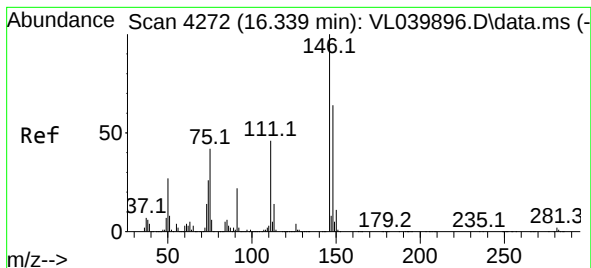
105 100

120 49.5 38.7 58.1

91 59.7 36.4 54.6#

77 23.5 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 8.831 ppbv

RT: 16.317 min Scan# 4309

Delta R.T. -0.006 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

Instrument :

MSVOA_1

ClientSampleId :

VL1201ABS01

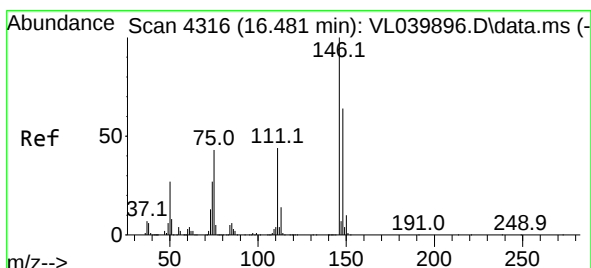
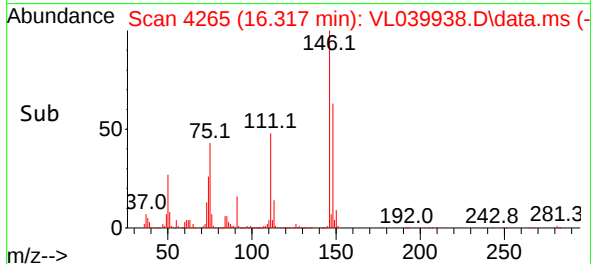
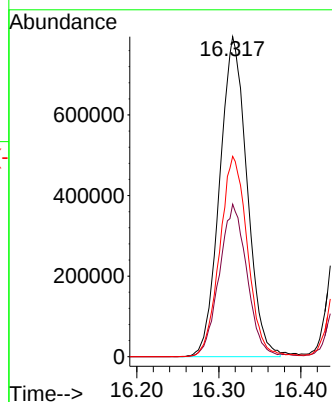
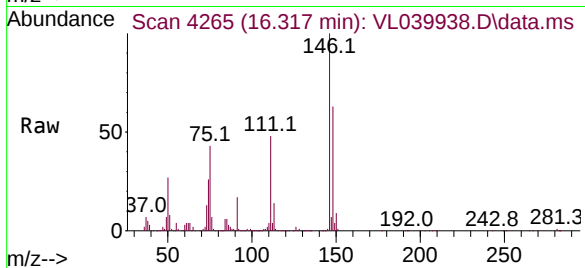
Tgt Ion:146 Resp: 1840387

Ion Ratio Lower Upper

146 100

111 48.4 23.3 69.9

148 63.6 32.2 96.6



#76

1,4-Dichlorobenzene

Concen: 8.693 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. -0.010 min

Lab File: VL039938.D

Acq: 1 Dec 2022 12:18

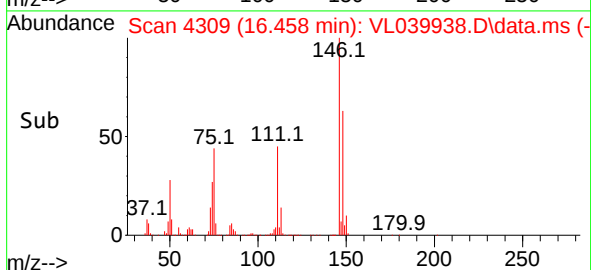
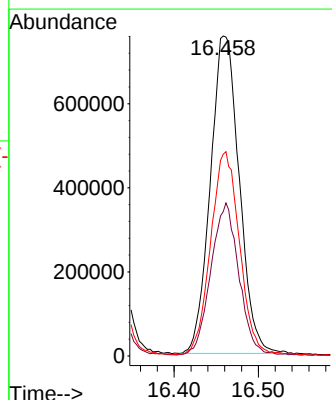
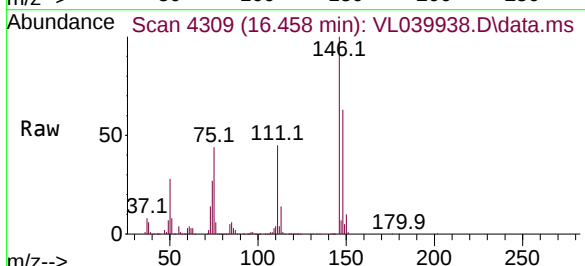
Tgt Ion:146 Resp: 1796048

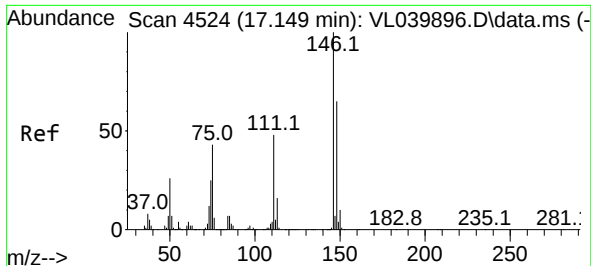
Ion Ratio Lower Upper

146 100

111 47.5 22.4 67.3

148 65.1 32.3 96.9

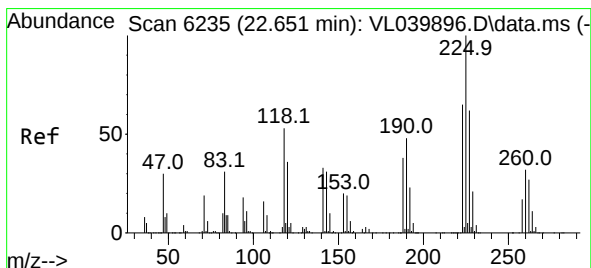
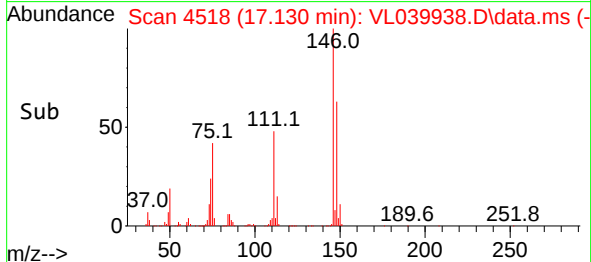
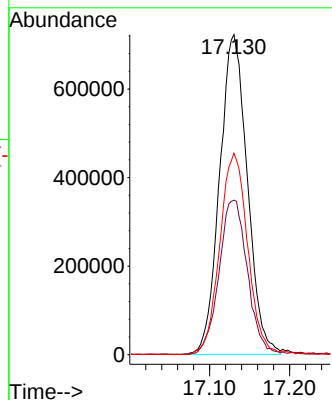
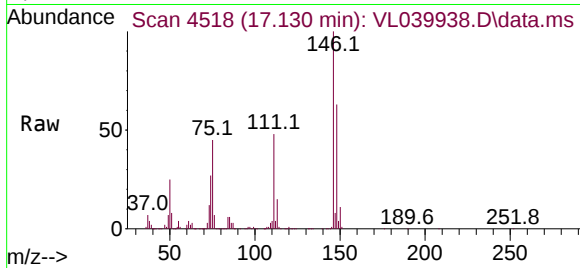




#77
1,2-Dichlorobenzene
Concen: 8.639 ppbv
RT: 17.130 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

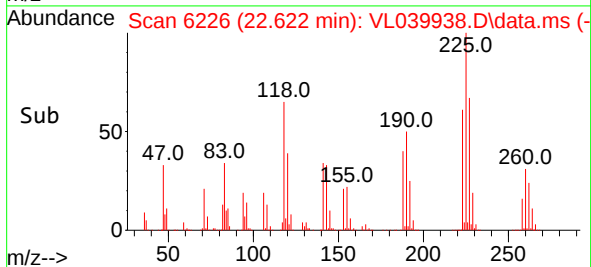
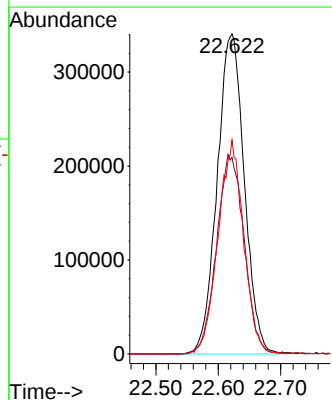
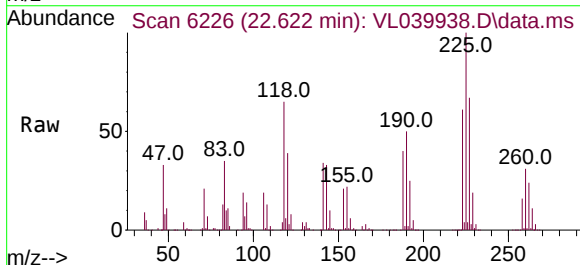
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

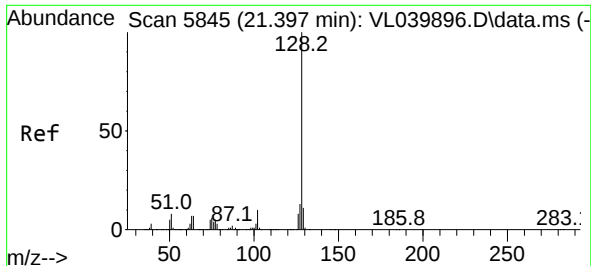
Tgt Ion:146 Resp: 1735778
Ion Ratio Lower Upper
146 100
111 49.8 24.1 72.3
148 64.2 32.4 97.2



#78
Hexachloro-1,3-Butadiene
Concen: 7.390 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.003 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

Tgt Ion:225 Resp: 1030241
Ion Ratio Lower Upper
225 100
223 63.1 50.7 76.1
227 63.1 50.8 76.2

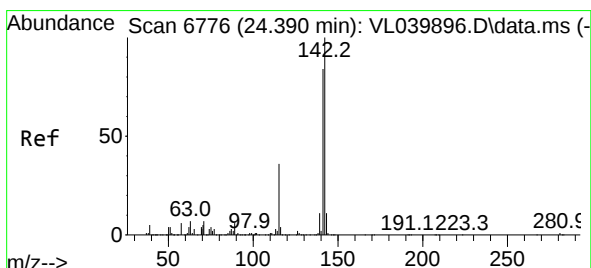
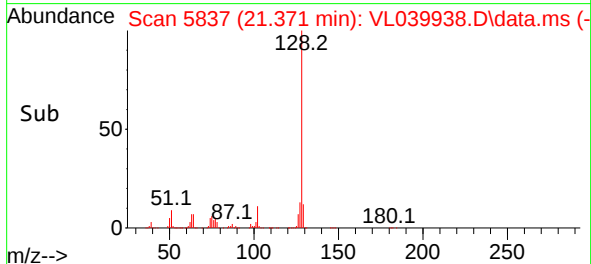
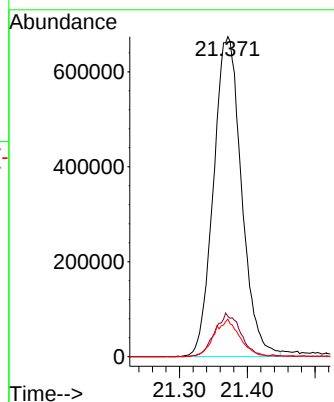
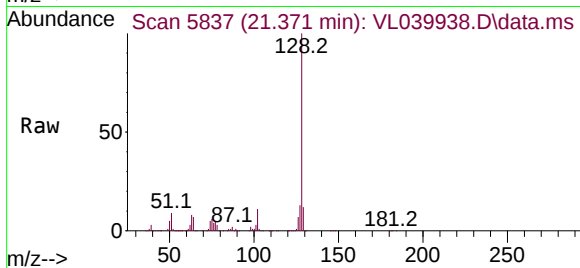




#79
Naphthalene
Concen: 8.727 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.000 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

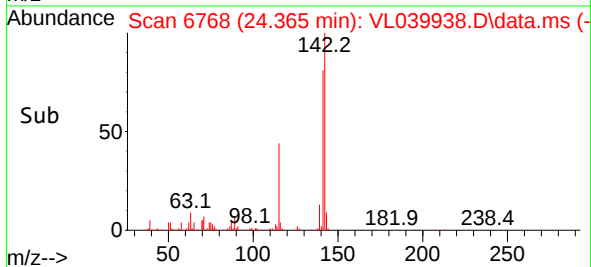
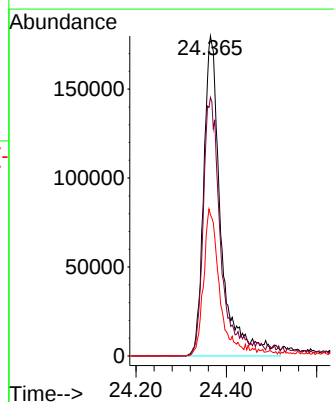
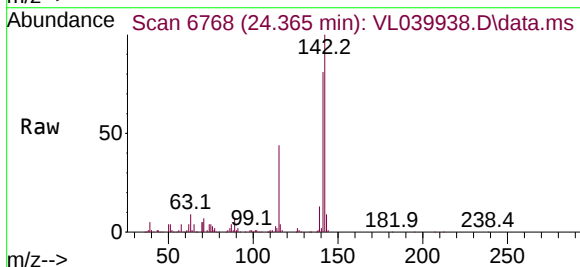
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABS01

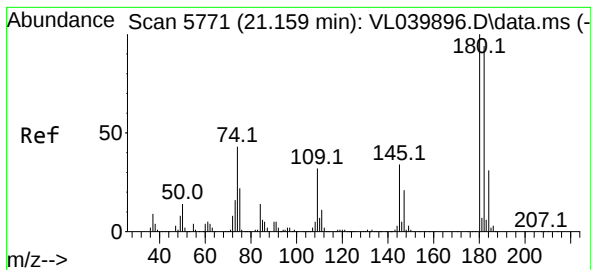
Tgt Ion:128 Resp: 1934572
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.7 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 7.685 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.006 min
Lab File: VL039938.D
Acq: 1 Dec 2022 12:18

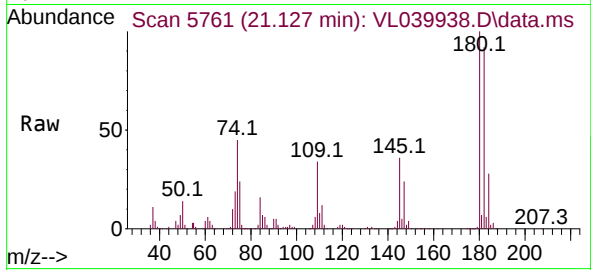
Tgt Ion:142 Resp: 479137
Ion Ratio Lower Upper
142 100
141 85.2 69.1 103.7
115 43.0 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 7.902 ppbv
 RT: 21.127 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039938.D
 Acq: 1 Dec 2022 12:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABS01



Tgt Ion:180 Resp: 1081835

Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.0	115.6
184	31.6	25.2	37.8

